Error code list for Evita 4 / 2dura / XL

HR.00005	**Repeated warm start**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	08.11.2002 14:55:39

FUNCTION_SERVICE:

FAILURE:

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace both cartridges (Air and O2)

REASON_SERVICE:
There is probably a problem with the +15V voltage supply. This may be caused by sticking mixer cartridges in the pneumatic system or defects in the power supply unit. Short-term mains power failure to units without DC modules may also result in this error combination.

REASON / SHORTREASON_CUSTOMER:

HR.00006	**Communication problems**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	08.11.2002 14:55:28

FUNCTION_SERVICE:

FAILURE:

CONSEQ_SERVICE:

SOLUTION_SERVICE:

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

HR.00013	**Power failure alarm**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	08.11.2002 14:55:38

FUNCTION_SERVICE:
Power failure alarm

FAILURE:
The alarm generator is not activated on power failure

CONSEQ_SERVICE:
User is not informed of voltage failure

SOLUTION_SERVICE:
Replace CO2 Carrier PCB

REASON_SERVICE:
Capacitance loss of Gold Cap capacitors

REASON / SHORTREASON_CUSTOMER:

HR.00016	**No items of special note found in log**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	08.11.2002 14:55:39

FUNCTION_SERVICE:

FAILURE:
No items of special note found in log

CONSEQ_SERVICE:
None

SOLUTION_SERVICE:
Not applicable

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

HR.00020	**Replace mixer**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:18:52

FUNCTION_SERVICE:

FAILURE:
With this fault pattern, a mixer problem generates various error codes. As it cannot be clearly stated which side is affected, the complete mixer must be replaced

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace complete mixer

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.00.001	**Restart, reset**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:20

FUNCTION_SERVICE:
Cold/warm start saving in RAM on CPU 68332 PCB is monitored.

FAILURE:

CONSEQ_SERVICE:
Restart, reset

SOLUTION_SERVICE:
Install relevant software on CPU 68332 PCB. If the software installation was not successful, replace the CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
- Software error on CPU 68332 PCB. - CPU 68332 PCB is faulty.

REASON / SHORTREASON_CUSTOMER:

02.00.002	**Hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:20

FUNCTION_SERVICE:

FAILURE:

CONSEQ_SERVICE:
Data packets between CPU PCB and Pneumatic Controller PCB cannot be fully transferred.

SOLUTION_SERVICE:
Replace CPU 68332 PCB. After replacing CPU 68332 PCB, install the relevant software. Replace Pneumatic Controller PCB. After replacing Pneumatic Controller PCB, download the relevant software.

REASON_SERVICE:
- CPU 68332 PCB is faulty. - Pneumatic Controller PCB is faulty.

REASON / SHORTREASON_CUSTOMER:

02.00.003	**Hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:20

FUNCTION_SERVICE:

FAILURE:

CONSEQ_SERVICE:
After unit start it was not possible to establish synchronisation between CPU 68332 PCB and Pneumatic Controller PCB within 10 seconds.

SOLUTION_SERVICE:
Replace CPU 68332 PCB. After replacing CPU 68332 PCB, install the relevant software. Replace Pneumatic Controller PCB. After replacing Pneumatic Controller PCB, install the relevant software.

REASON_SERVICE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

REASON / SHORTREASON_CUSTOMER:

02.00.004	**Hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:20

FUNCTION_SERVICE:

FAILURE:

CONSEQ_SERVICE:
Data packets between CPU PCB and Pneumatic Controller PCB cannot be fully transferred.

SOLUTION_SERVICE:
Replace CPU 68332 PCB. After replacing CPU 68332 PCB, install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB. After replacing Pneumatic Controller PCB, install the relevant software.

REASON_SERVICE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

02.00.005	Hardware error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:20

FUNCTION_SERVICE:

FAILURE:

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB. After replacing CPU 68332 PCB, install the relevant software.

REASON_SERVICE:
- RAM or software error on CPU PCB. - CPU 68332 PCB is faulty.

REASON / SHORTREASON_CUSTOMER:

02.00.020	Hardware error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:20

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB. After replacing CPU 68332 PCB, install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB. After replacing Pneumatic Controller PCB, install the relevant software.

REASON_SERVICE:
- RAM or software error on CPU PCB. - RAM or software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.01.001	Hardware error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:20

FUNCTION_SERVICE:
The screen content (on Evita 2 dura also 7-segment displays) is read and compared with the requirement.

FAILURE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). After replacing the PCB, install the relevant software.

REASON_SERVICE:
Hardware or SW error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or CPU 68332 PCB or Pneumatic Controller PCB. If readout plausible, software error, otherwise most probably hardware error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). Table for X: 1 PAW high adjuster selected 2 PAW high arrow selected 3 MV min adjuster selected 4 MV min high arrow selected 5 O2 adjuster selected 6 Last adjuster plus one 7 PAW high adjuster not selected 8 PAW high arrow not selected 9 MV min adjuster not selected 10MV min arrow not selected 11 O2 adjuster not selected 12 PAW high line 30 top 13 Pressure scale values top 30 14 PAW high line 60 top 15 Pressure scale values top 60 16 PAW high line 100 top 17 Pressure scale values top 100 18 PAW high line 30 bottom 19 Pressure scale values bottom 30 20 PAW high line 60 bottom 21 Pressure scale values bottom 60 22 PAW high line 100 bottom 23 Pressure scale values bottom 100 24 PAW high line 30 bargraph 25 Pressure scale values bargraph 30 26 PAW high line 60 bargraph 27 Pressure scale values bargraph 60 28 PAW high line 100 bargraph 29 Pressure scale values bargraph 10030 30 PAW high readout 1 31 PAW high readout 2 32 MV min readout 1 33 MV min readout 2 34 Cold start display

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

02.01.002	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:21

FUNCTION_SERVICE:
Safety-relevant alarm values are checked for plausibility.

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB. After replacing CPU 68332 PCB, install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.01.003	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:21

FUNCTION_SERVICE:
Safety-relevant alarm values are checked for plausibility.

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB. After replacing CPU 68332 PCB, install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or SW error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.01.004	**O2 adjuster, Si copy consistency**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 08.11.2002 14:55:14

FUNCTION_SERVICE:
si1_Err, O2 adjuster, Si copy consistency X alarm, reset

FAILURE:
Safety-relevant alarm values are checked for plausibility. RAM or SW error on CPU 68332 PCB or Pneumatic Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
"Replace CPU PCB; Replace Pneumatic Controller PCB"

REASON_SERVICE:
Safety-relevant alarm values are checked for plausibility. Defective CPU 68332 PCB Defective Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.01.005	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:21

FUNCTION_SERVICE:
Safety-relevant alarm values are checked for plausibility.

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB. After replacing CPU 68332 PCB, install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.01.006	Hardware error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:21

FUNCTION_SERVICE:
Safety-relevant alarm values are checked for plausibility.

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB. After replacing CPU 68332 PCB, install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB. After replacing Pneumatic Controller PCB, install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.01.007	Hardware error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:21

FUNCTION_SERVICE:
Safety-relevant alarm values are checked for plausibility.

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB. After replacing CPU 68332 PCB, install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB. After replacing Pneumatic Controller PCB, install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.01.020	Hardware error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:21

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB. After replacing CPU 68332 PCB, install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB. After replacing Pneumatic Controller PCB, install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.01.021	Hardware error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 1,04	MODDAT:	11.04.2003 12:01:21

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB. After replacing CPU 68332 PCB, install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB. After replacing Pneumatic Controller PCB, install the relevant software.

REASON_SERVICE:
Only up to SW 1.04 (not EvitaXL). RAM or software error.

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

02.01.022	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:21

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB. After replacing CPU 68332 PCB, install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB. After replacing Pneumatic Controller PCB, install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.02.001	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:21

FUNCTION_SERVICE:
The screen content (on Evita 2 dura also 7-segment displays) is read and compared with the requirement.

FAILURE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Hardware or SW error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or CPU 68332 PCB or Pneumatic Controller PCB. If readout plausible, software error, otherwise most probably hardware error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). Table for X see error 02.01.001.

REASON / SHORTREASON_CUSTOMER:

02.02.002	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:21

FUNCTION_SERVICE:
The screen content (on Evita 2 dura also 7-segment displays) is read and compared with the requirement.

FAILURE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Hardware or SW error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or CPU 68332 PCB or Pneumatic Controller PCB. If readout plausible, software error, otherwise most probably hardware error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). Table for X see 02.01.001.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.02.003	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:21

FUNCTION_SERVICE:
The screen content (on Evita 2 dura, 7-segment displays) is read and compared with the requirement.

FAILURE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Hardware or software error on Graphics Controller PCB (Evita 4, EvitaXL) or Front Panel PCB (Evita 2 dura) or CPU 68332 PCB or Pneumatic Controller PCB. If readout plausible, software error, otherwise most probably hardware error on Graphics Controller PCB (Evita 4, EvitaXL) or Front Panel PCB (Evita 2 dura). Table for X see error 02.01.001.

REASON / SHORTREASON_CUSTOMER:

02.02.020	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:21

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB faulty.

REASON / SHORTREASON_CUSTOMER:

02.03.001	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:22

FUNCTION_SERVICE:

FAILURE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Hardware or transmission error from Graphics Controller PCB (Evita 4, EvitaXL) or Front Panel PCB (Evita 2 dura) via CPU 8332 PCB to Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.03.002	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:22

FUNCTION_SERVICE:
Key readout on Graphics Controller PCB (Evita 4, EvitaXL) or Front Panel PCB (Evita 2 dura).

FAILURE:
Graphics Controller PCB (Evita 4, EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Software or hardware error on Graphics Controller PCB (Evita 4, EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.03.003	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:22

FUNCTION_SERVICE:
Key readout on Graphics Controller PCB (Evita 4, EvitaXL) or Front Panel PCB (Evita 2 dura).

FAILURE:
Graphics Controller PCB (Evita 4, EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Software or hardware error on Graphics Controller PCB (Evita 4, EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

02.03.004	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:22

FUNCTION_SERVICE:
Key readout on Graphics Controller PCB (Evita 4, EvitaXL) or Front Panel PCB (Evita 2 dura).

FAILURE:
Graphics Controller PCB (Evita 4, EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Software or hardware error on Graphics Controller PCB (Evita 4, EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

02.03.005	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:22

FUNCTION_SERVICE:
Key readout on Graphics Controller PCB (Evita 4, EvitaXL) or Front Panel PCB (Evita 2 dura).

FAILURE:
Graphics Controller PCB (Evita 4, EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Software or hardware error on Graphics Controller PCB (Evita 4, EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

02.03.006	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:22

FUNCTION_SERVICE:
Key readout on Graphics Controller PCB (Evita 4, EvitaXL) or Front Panel PCB (Evita 2 dura).

FAILURE:
Graphics Controller PCB (Evita 4, EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4, EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Software or hardware error on Graphics Controller PCB (Evita 4, EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.03.007	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:22

FUNCTION_SERVICE:
Key readout on Graphics Controller PCB (Evita 4, EvitaXL) or Front Panel PCB (Evita 2 dura).

FAILURE:
Graphics Controller PCB (Evita 4, EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4, EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Software or hardware error on Graphics Controller PCB (Evita 4, EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

02.03.020	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:22

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.04.001	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:22

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.04.002	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:22

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

02.04.003	Hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:22

FUNCTION_SERVICE:
In neo mode according to safety software wrong flow sensor being used

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.04.004	Hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:22

FUNCTION_SERVICE:
In adult mode according to safety software wrong flow sensor being used.

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.04.005	Hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:40

FUNCTION_SERVICE:
Safety software: RESET - RAM error

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:
An inconsistency in the values for the filtered air pressure on the CPU 68332 PCB and the Pneumatic Controller PCB has occurred.

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.04.020	Hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:22

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

02.05.001	**Software error**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:22 |

FUNCTION_SERVICE:

FAILURE:

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install the relevant software on the CPU 68332 PCB and the Pneumatic Controller PCB.

REASON_SERVICE:
Software error or impermissible "BTPS shut-off" activated at ambient pressure below 961 mbar.

REASON / SHORTREASON_CUSTOMER:

02.05.002	**Flow insp, current counter**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:22 |

FUNCTION_SERVICE:

FAILURE:
The HPSV cartridge or the HPSV Activation PCB or the Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:
The HPSV activation monitor signals error.

SOLUTION_SERVICE:
Replace HPSV cartridge (AIR or O2). If replacement of the HPSV cartridge was not successful, replace the HPSV Activation PCB (AIR or O2). If replacement of the HPSV Activation PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
HPSV cartridge (AIR or O2) or one of the two HPSV Activation PCBs or the Pneumatic Controller PCB is faulty. In diagnosis mode “ Valves ” if error is current status of error can be read.

REASON / SHORTREASON_CUSTOMER:

02.05.003	**Hardware error**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:22 |

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.05.004	**Software error**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:22 |

FUNCTION_SERVICE:

FAILURE:

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install the relevant software on the CPU 68332 PCB and on the Pneumatic Controller PCB.

REASON_SERVICE:
Software error or impermissible BTPS shut-off activated at ambient pressure below 961 mbar.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.05.020	Hardware error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:22

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.06.001	Software/hardware error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:22

FUNCTION_SERVICE:

FAILURE:
Software error or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty or CPU 68332 PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software installation was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and download the relevant software. If replacement of the Graphics Controller PCB or Front Panel PCB was not successful, replace the CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
- Probably software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) - CAN communication with CPU 68332 PCB and Pneumatic Controller PCB disturbed.

REASON / SHORTREASON_CUSTOMER:

02.06.002	Software error or hardware error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:22

FUNCTION_SERVICE:

FAILURE:
Software error or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty or CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software installation was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and download the relevant software. If replacement of the Graphics Controller PCB or Front Panel PCB was not successful, replace the CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on Graphics Controller PCB (Evita 4) or Front Panel PCB (Evita 2 dura) or CAN communication with CPU 68332 PCB and Pneumatic Controller PCB disturbed.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.06.003	**Software error or hardware error**

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:41

FUNCTION_SERVICE:

FAILURE:
Software error or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB is faulty (Evita 2 dura) or CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software installation was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and download the relevant software. If replacement of the Graphics Controller PCB or Front Panel PCB was not successful, replace the CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
- Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). - Faulty CAN communication to CPU 68332 PCB and Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.06.004	**Software/hardware error**

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:23

FUNCTION_SERVICE:

FAILURE:
Software error or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB is faulty (Evita 2 dura) or CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software installation was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and download the relevant software. If replacement of the Graphics Controller PCB or Front Panel PCB was not successful, replace the CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Probably software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or CAN communication with CPU 68332 PCB and Pneumatic Controller PCB disturbed.

REASON / SHORTREASON_CUSTOMER:

02.06.020	**Hardware error**

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:23

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

02.06.021	Hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:40

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB, Pneumatic Controller PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

02.07.020	Hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:40

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.08.001	Hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:23

FUNCTION_SERVICE:

FAILURE:
Software error or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB. If the software installation was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software. If replacement of the Graphics Controller PCB or Front Panel PCB was not successful, replace the CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Probably software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or CAN communication with CPU 68332 PCB and Pneumatic Controller PCB disturbed.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.08.002	Hardware error

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:23

FUNCTION_SERVICE:

FAILURE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB. If the software installation was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software. If replacement of the Graphics Controller PCB or Front Panel PCB was not successful, replace the CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Probably software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or CAN communication with CPU 68332 PCB and Pneumatic Controller PCB disturbed.

REASON / SHORTREASON_CUSTOMER:

02.08.020	Hardware error

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:23

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.08.021	Hardware error

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:23

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.09.001	Hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:23

FUNCTION_SERVICE:
The CPU 68332 PCB monitors the timing of the Pneumatic Controller PCB.

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

02.09.002	Hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:23

FUNCTION_SERVICE:
The CPU 68332 PCB monitors the timing of the Pneumatic Controller PCB.

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

02.09.003	Hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:23

FUNCTION_SERVICE:
The CPU 68332 PCB monitors the timing of the Pneumatic Controller PCB.

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.09.004	Hardware error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:23

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software. If replacement of the Graphics Controller PCB or Front Panel PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.09.020	Hardware error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:23

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.09.021	Hardware error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:23

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

02.11.001	Hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:23

FUNCTION_SERVICE:
The CPU 68332 PCB monitors the timing of the Pneumatic Controller PCB.

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

02.11.002	Hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:23

FUNCTION_SERVICE:
The CPU 68332 PCB monitors the timing of the Pneumatic Controller PCB.

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

02.11.020	Hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:23

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.12.001	The inspiratory pressure is too high for longer than ... second

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:18:52

FUNCTION_SERVICE:
si12_Err, Paw high too long, reset

FAILURE:
The inspiratory pressure is too high for longer than ... second and cannot be relieved by way of the emergency venting valve Y1.3. The inspiratory pressure is measured on the Pneumatic Controller PCB and on the CO2 Carrier PCB. Possible causes: Inspiratory pressure measurement on Pneumatic Controller PCB (1st channel) or CO2 Carrier PCB (2nd channel) defective. Read values with service mode. If the error is on the CO2 Carrier PCB, the cause may be contact problems. The CO2 Carrier PCB must be secured by both fixing screws; Inspiratory pressure sensor faulty; Pneumatic fault; Excessive measurement from expiratory pressure sensor (Note: If ground (GND) is missing the Paw sensors measure approx. 115 mbar).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace valve Y1.3; Replace inspiratory pressure sensor; Replace Pneumatic Controller PCB; Replace CO2 Carrier PCB.

REASON_SERVICE:
The inspiratory pressure is too high for longer than ... second and cannot be relieved by way of the emergency venting valve Y1.3. The inspiratory pressure is measured on the Pneumatic Controller PCB and on the CO2 Carrier PCB. Possible causes: Inspiratory pressure measurement on Pneumatic Controller PCB (1st channel) or CO2 Carrier PCB (2nd channel) defective. Read values with service mode. If the error is on the CO2 Carrier PCB, the cause may be contact problems. The CO2 Carrier PCB must be secured by both fixing screws; Inspiratory pressure sensor faulty; Pneumatic fault; Excessive measurement from expiratory pressure sensor (Note: If ground (GND) is missing the Paw sensors measure approx. 115 mbar).

REASON / SHORTREASON_CUSTOMER:

02.12.020	Hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:23

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.13.020	Hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:23

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.14.001	**Hardware error**

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:24

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.14.002	**Hardware error**

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:24

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.14.020	**Hardware error**

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:24

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.15.001	**Hardware error**

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:24

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.15.020	**Hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:23

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.16.001	**Hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:23

FUNCTION_SERVICE:
Hardware boot, test data not reset, Reset

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

02.16.002	**Hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:23

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.16.020	**Hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:23

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.17.001	Hardware error

FIRST_SOFTWARE: 1　　　LAST_SOFTWARE: 99,99　　　MODDAT:　　　11.04.2003 12:01:24

FUNCTION_SERVICE:

FAILURE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or CPU 68332 PCB or Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software. If replacement of the Graphics Controller PCB or Front Panel PCB was not successful, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.17.002	Hardware error

FIRST_SOFTWARE: 1　　　LAST_SOFTWARE: 99,99　　　MODDAT:　　　11.04.2003 12:01:24

FUNCTION_SERVICE:

FAILURE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or CPU 68332 PCB or Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software. If replacement of the Graphics Controller PCB or Front Panel PCB was not successful, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or SW error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.17.020	Hardware error

FIRST_SOFTWARE: 1　　　LAST_SOFTWARE: 99,99　　　MODDAT:　　　11.04.2003 12:01:24

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.17.021	Hardware error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:24

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

02.18.001	Hardware error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:24

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

02.18.002	Hardware error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:24

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.18.003	Hardware error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:24

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

02.18.020	Hardware error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:24

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.19.001	Hardware error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:24

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.19.002	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:24

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.19.003	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:24

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.21.000	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:24

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.21.001	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:41

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

02.22.001	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:24

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.40.001	**Cold/warm start save monitoring**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:41

FUNCTION_SERVICE:
Cold/warm start saving in RAM on CPU 68332 PCB is monitored.

FAILURE:
The Pneumatic Controller PCB detects Service codes 02.40... to 02.62. They correspond to 02.00... to 02.22... of the CPU 68332 PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
See explanation under Service codes 02.00... to 02.22... of CPU 68332 PCB.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

02.40.002	**Data packets between CPU 68332 PCB and Pneumatic Controller PCB**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:02

FUNCTION_SERVICE:

FAILURE:
Data packets between CPU 68332 PCB and Pneumatic Controller PCB cannot be fully transferred.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.40.003	**Synchronisation not possible**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:02

FUNCTION_SERVICE:

FAILURE:
After unit start it was not possible to establish synchronisation between CPU 68332 PCB and Pneumatic Controller PCB within 10 seconds.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.40.004	Data packets between CPU 68332 PCB and Pneumatic Controller PCB

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:02

FUNCTION_SERVICE:

FAILURE:
Data packets between CPU 68332 PCB and Pneumatic Controller PCB cannot be fully transferred.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.40.005	RAM or software error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:02

FUNCTION_SERVICE:

FAILURE:
RAM or SW error on CPU PCB 68332

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB

REASON_SERVICE:
Faulty CPU 68332 PCB

REASON / SHORTREASON_CUSTOMER:

02.40.020	RAM or software error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:02

FUNCTION_SERVICE:

FAILURE:
RAM or SW error on CPU PCB 68332 or Pneumatic Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.41.001	Screen content (on Evita 2 dura 7-segment displays) is read

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:02

FUNCTION_SERVICE:

FAILURE:
The screen content (on Evita 2 dura also 7-segment displays) is read and compared with the requirement.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB or Front Panel PCB

REASON_SERVICE:
Hardware or SW error on Graphics Controller PCB or Front Panel PCB

REASON / SHORTREASON_CUSTOMER:

02.41.002	Safety-relevant alarm values are checked for plausibility

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:02

FUNCTION_SERVICE:

FAILURE:
Safety-relevant alarm values are checked for plausibility. RAM or SW error on CPU 68332 PCB or Pneumatic Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.41.003	**Safety-relevant alarm values are checked for plausibility**

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 12.12.2002 09:19:02

FUNCTION_SERVICE:

FAILURE:
Safety-relevant alarm values are checked for plausibility. RAM or SW error on CPU 68332 PCB or Pneumatic Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.41.004	**Safety-relevant alarm values are checked for plausibility**

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 12.12.2002 09:19:02

FUNCTION_SERVICE:

FAILURE:
Safety-relevant alarm values are checked for plausibility. RAM or SW error on CPU 68332 PCB or Pneumatic Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.41.005	**Safety-relevant alarm values are checked for plausibility**

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 12.12.2002 09:19:02

FUNCTION_SERVICE:

FAILURE:
Safety-relevant alarm values are checked for plausibility. RAM or SW error on CPU 68332 PCB or Pneumatic Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.41.006	**Safety-relevant alarm values are checked for plausibility**

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 12.12.2002 09:19:02

FUNCTION_SERVICE:

FAILURE:
Safety-relevant alarm values are checked for plausibility. RAM or SW error on CPU 68332 PCB or Pneumatic Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.41.007	**Safety-relevant alarm values are checked for plausibility**

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 12.12.2002 09:19:02

FUNCTION_SERVICE:

FAILURE:
Safety-relevant alarm values are checked for plausibility. RAM or SW error on CPU 68332 PCB or Pneumatic Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.41.020	**RAM or software error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:02

FUNCTION_SERVICE:

FAILURE:
RAM or SW error on CPU PCB 68332 or Pneumatic Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.41.021	**RAM or software error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:02

FUNCTION_SERVICE:

FAILURE:
Only up to SW 1.04. RAM or SW error on CPU PCB 68332 or Pneumatic Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.41.022	**RAM or software error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:02

FUNCTION_SERVICE:

FAILURE:
RAM or SW error on CPU PCB 68332 or Pneumatic Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.42.001	**Screen content (on Evita 2 dura 7-segment displays) is read**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:02

FUNCTION_SERVICE:

FAILURE:
The screen content (on Evita 2 dura also 7-segment displays) is read and compared with the requirement.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB or Front Panel PCB

REASON_SERVICE:
Hardware or SW error on Graphics Controller PCB or Front Panel PCB

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

02.42.002	Screen content (on Evita 2 dura 7-segment displays) is read

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:02

FUNCTION_SERVICE:

FAILURE:
The screen content (on Evita 2 dura also 7-segment displays) is read and compared with the requirement.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB or Front Panel PCB

REASON_SERVICE:
Hardware or SW error on Graphics Controller PCB or Front Panel PCB

REASON / SHORTREASON_CUSTOMER:

02.42.003	Screen content (on Evita 2 dura 7-segment displays) is read

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:02

FUNCTION_SERVICE:

FAILURE:
The screen content (on Evita 2 dura also 7-segment displays) is read and compared with the requirement.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB or Front Panel PCB

REASON_SERVICE:
Hardware or SW error on Graphics Controller PCB or Front Panel PCB

REASON / SHORTREASON_CUSTOMER:

02.42.020	Hardware or software error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:02

FUNCTION_SERVICE:

FAILURE:
Hardware or SW error on CPU PCB 68332 or Pneumatic Controller PCB

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.43.001	SW or transmission error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:03

FUNCTION_SERVICE:

FAILURE:
SW or transmission error from Graphics Controller PCB or Front Panel PCB via CPU 68332 PCB and Pneumatic Controller PCB

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB or Front Panel PCB

REASON_SERVICE:
Hardware or SW error on Graphics Controller PCB or Front Panel PCB

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.43.002	SW or hardware error reading buttons

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:03

FUNCTION_SERVICE:

FAILURE:
SW or hardware error reading buttons on Graphics Controller PCB or Front Panel PCB

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB or Front Panel PCB

REASON_SERVICE:
Hardware or SW error on Graphics Controller PCB or Front Panel PCB

REASON / SHORTREASON_CUSTOMER:

02.43.003	SW or hardware error reading buttons

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:03

FUNCTION_SERVICE:

FAILURE:
SW or hardware error reading buttons on Graphics Controller PCB or Front Panel PCB

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB or Front Panel PCB

REASON_SERVICE:
Hardware or SW error on Graphics Controller PCB or Front Panel PCB

REASON / SHORTREASON_CUSTOMER:

02.43.004	SW or hardware error reading buttons

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:03

FUNCTION_SERVICE:

FAILURE:
SW or hardware error reading buttons on Graphics Controller PCB or Front Panel PCB

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB or Front Panel PCB

REASON_SERVICE:
Hardware or SW error on Graphics Controller PCB or Front Panel PCB

REASON / SHORTREASON_CUSTOMER:

02.43.005	SW or hardware error reading buttons

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:03

FUNCTION_SERVICE:

FAILURE:
SW or hardware error reading buttons on Graphics Controller PCB or Front Panel PCB

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB or Front Panel PCB

REASON_SERVICE:
Hardware or SW error on Graphics Controller PCB or Front Panel PCB

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

02.43.006	**SW or hardware error reading buttons**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:03

FUNCTION_SERVICE:

FAILURE:
SW or hardware error reading buttons on Graphics Controller PCB or Front Panel PCB

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB or Front Panel PCB

REASON_SERVICE:
Hardware or SW error on Graphics Controller PCB or Front Panel PCB

REASON / SHORTREASON_CUSTOMER:

02.43.007	**SW or hardware error reading buttons**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:03

FUNCTION_SERVICE:

FAILURE:
SW or hardware error reading buttons on Graphics Controller PCB or Front Panel PCB

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB or Front Panel PCB

REASON_SERVICE:
Hardware or SW error on Graphics Controller PCB or Front Panel PCB

REASON / SHORTREASON_CUSTOMER:

02.43.020	**Hardware or software error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:03

FUNCTION_SERVICE:

FAILURE:
Hardware or SW error on CPU PCB 68332 or Pneumatic Controller PCB

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.44.001	**Hardware or software error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:03

FUNCTION_SERVICE:

FAILURE:
Hardware or SW error on CPU PCB 68332 or Pneumatic Controller PCB

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

02.44.002	**Hardware or software error**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 12.12.2002 09:19:03 |

FUNCTION_SERVICE:

FAILURE:
Hardware or SW error on CPU PCB 68332 or Pneumatic Controller PCB

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.44.003	**In neoflow mode the wrong flow sensor is used.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 12.12.2002 09:19:03 |

FUNCTION_SERVICE:

FAILURE:
The wrong flow sensor is used in neoflow mode according to the safety software.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
"Replace CPU PCB; Replace Pneumatic Controller PCB"

REASON_SERVICE:
Hardware or SW error on CPU PCB 68332 or Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.44.004	**In adult mode the wrong flow sensor is used.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 12.12.2002 09:19:03 |

FUNCTION_SERVICE:

FAILURE:
The wrong flow sensor is used in adult mode according to the safety software. Hardware or SW error on CPU 68332 PCB or Pneumatic Controller PCB

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.44.020	**Inconsistency of values for filtered air pressure**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 12.12.2002 09:19:03 |

FUNCTION_SERVICE:

FAILURE:
An inconsistency in the values for the filtered air pressure on the CPU PCB and Pneumatic Controller PCB has occurred

CONSEQ_SERVICE:

SOLUTION_SERVICE:

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

02.45.001	Hardware or software error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:03

FUNCTION_SERVICE:

FAILURE:
Hardware or SW error on CPU PCB 68332 or Pneumatic Controller PCB

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.45.002	SW error Faulty CAN communication to CPU 68332 PCB and Pneumatic Controller PCB

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:03

FUNCTION_SERVICE:

FAILURE:
SW error or impermissible BTPS shut-off activated at ambient pressure below 961 mbar.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace HPSV Controller PCB; Replace HPSV cartridge

REASON_SERVICE:
Faulty HPSV Controller Faulty HPSV cartridge

REASON / SHORTREASON_CUSTOMER:

02.45.003	HPSV activation monitor signals error.

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:03

FUNCTION_SERVICE:

FAILURE:
HPSV activation monitor signals error.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB; Replace HPSV cartridge

REASON_SERVICE:
Faulty HPSV cartridge Faulty LP HPSV controller Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.45.004	RAM or software error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:03

FUNCTION_SERVICE:

FAILURE:
RAM or SW error on CPU PCB 68332 or Pneumatic Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.45.020	**SW error Faulty CAN communication to CPU 68332 PCB and Pneumatic Controller PCB**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:03

FUNCTION_SERVICE:

FAILURE:
SW error or impermissible BTPS shut-off at ambient pressure below 961 mbar.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB; Replace HPSV cartridge

REASON_SERVICE:
Faulty HPSV cartridge Faulty LP HPSV controller Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.46.001	**RAM or software error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:03

FUNCTION_SERVICE:

FAILURE:
RAM or SW error on CPU PCB 68332 or Pneumatic Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.46.002	**SW error Faulty CAN communication to CPU 68332 PCB and Pneumatic Controller PCB**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:03

FUNCTION_SERVICE:

FAILURE:
"SW error on Graphics Controller PCB or Front Panel PCB Faulty CAN communication to CPU 68332 PCB and Pneumatic Controller PCB"

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB; Replace Graphics Controller PCB or Front Panel PCB

REASON_SERVICE:
Faulty Graphics Controller PCB Faulty Pneumatic Controller PCB Faulty CPU 68332 PCB Faulty Front Panel PCB

REASON / SHORTREASON_CUSTOMER:

02.46.003	**SW error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:03

FUNCTION_SERVICE:

FAILURE:
"SW error on Graphics Controller PCB or Front Panel PCB Faulty CAN communication to CPU 68332 PCB and Pneumatic Controller PCB"

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB; Replace Graphics Controller PCB or Front Panel PCB

REASON_SERVICE:
Faulty Graphics Controller PCB Faulty Pneumatic Controller PCB Faulty CPU 68332 PCB Faulty Front Panel PCB

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.46.004	**SW error**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 12.12.2002 09:19:03 |

FUNCTION_SERVICE:

FAILURE:
"SW error on Graphics Controller PCB or Front Panel PCB
Faulty CAN communication to CPU 68332 PCB and
Pneumatic Controller PCB"

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB;
Replace Graphics Controller PCB or Front Panel PCB

REASON_SERVICE:
Faulty Graphics Controller PCB Faulty Pneumatic Controller
PCB Faulty CPU 68332 PCB Faulty Front Panel PCB

REASON / SHORTREASON_CUSTOMER:

02.46.020	**SW error**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 12.12.2002 09:19:03 |

FUNCTION_SERVICE:

FAILURE:
"SW error on Graphics Controller PCB or Front Panel PCB
Faulty CAN communication to CPU 68332 PCB and
Pneumatic Controller PCB"

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB;
Replace Graphics Controller PCB or Front Panel PCB

REASON_SERVICE:
Faulty Graphics Controller PCB Faulty Pneumatic Controller
PCB Faulty CPU 68332 PCB Faulty Front Panel PCB

REASON / SHORTREASON_CUSTOMER:

02.46.021	**RAM or software error**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 12.12.2002 09:19:04 |

FUNCTION_SERVICE:

FAILURE:
RAM or SW error on CPU PCB 68332 or Pneumatic
Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.47.020	**RAM or software error**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 12.12.2002 09:19:04 |

FUNCTION_SERVICE:

FAILURE:
RAM or SW error on CPU 68332 PCB or Pneumatic
Controller PCB, error on Graphics Controller PCB or Front
Panel PCB

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB;
Replace Graphics Controller PCB or Front Panel PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB
Faulty Graphics Controller PCB Faulty Front Panel PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.48.001	**RAM or software error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:04

FUNCTION_SERVICE:

FAILURE:
RAM or SW error on CPU PCB 68332 or Pneumatic Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.48.002	**SW error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:04

FUNCTION_SERVICE:

FAILURE:
"SW error on Graphics Controller PCB or Front Panel PCB
Faulty CAN communication to CPU 68332 PCB and
Pneumatic Controller PCB"

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB;
Replace Graphics Controller PCB or Front Panel PCB

REASON_SERVICE:
Faulty Graphics Controller PCB Faulty Pneumatic Controller
PCB Faulty CPU 68332 PCB Faulty Front Panel PCB

REASON / SHORTREASON_CUSTOMER:

02.48.020	**SW error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:04

FUNCTION_SERVICE:

FAILURE:
"SW error on Graphics Controller PCB or Front Panel PCB
Faulty CAN communication to CPU 68332 PCB and
Pneumatic Controller PCB"

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB;
Replace Graphics Controller PCB or Front Panel PCB

REASON_SERVICE:
Faulty Graphics Controller PCB Faulty Pneumatic Controller
PCB Faulty CPU 68332 PCB Faulty Front Panel PCB

REASON / SHORTREASON_CUSTOMER:

02.48.021	**RAM or software error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:04

FUNCTION_SERVICE:

FAILURE:
RAM or SW error on CPU PCB 68332 or Pneumatic Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty Pneumatic Controller PCB Faulty CPU 68332 PCB

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

02.49.001	**SW error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:04

FUNCTION_SERVICE:

FAILURE:
"SW error on Graphics Controller PCB or Front Panel PCB
Faulty CAN communication to CPU 68332 PCB and
Pneumatic Controller PCB"

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB;
Replace Graphics Controller PCB or Front Panel PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB
Faulty Graphics Controller PCB Faulty Front Panel PCB.

REASON / SHORTREASON_CUSTOMER:

02.49.002	**Timing of Pneumatic Controller PCB**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:04

FUNCTION_SERVICE:

FAILURE:
The timing of the Pneumatic Controller PCB is monitored by
the CPU 68332 PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.49.003	**Timing of Pneumatic Controller PCB**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:04

FUNCTION_SERVICE:

FAILURE:
The timing of the Pneumatic Controller PCB is monitored by
the CPU 68332 PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.49.004	**Timing of Pneumatic Controller PCB**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:04

FUNCTION_SERVICE:

FAILURE:
The timing of the Pneumatic Controller PCB is monitored by
the CPU 68332 PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

02.49.020	**SW error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:04

FUNCTION_SERVICE:

FAILURE:
"SW error on Graphics Controller PCB; Front Panel PCB;
CPU 68332 PCB; Pneumatic Controller PCB"

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB;
Replace Graphics Controller PCB or Front Panel PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB
Faulty Graphics Controller PCB Faulty Front Panel PCB.

REASON / SHORTREASON_CUSTOMER:

02.49.021	**RAM or software error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:04

FUNCTION_SERVICE:

FAILURE:
RAM or SW error on CPU PCB 68332 or Pneumatic
Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty Pneumatic Controller PCB Faulty CPU 68332 PCB

REASON / SHORTREASON_CUSTOMER:

02.51.001	**RAM or software error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:04

FUNCTION_SERVICE:

FAILURE:
RAM or SW error on CPU PCB 68332 or Pneumatic
Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty Pneumatic Controller PCB Faulty CPU 68332 PCB

REASON / SHORTREASON_CUSTOMER:

02.51.002	**Timing of Pneumatic Controller PCB**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:04

FUNCTION_SERVICE:

FAILURE:
The timing of the Pneumatic Controller PCB is monitored by
the CPU 68332 PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.51.020	**Timing of Pneumatic Controller PCB**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:04

FUNCTION_SERVICE:

FAILURE:
The timing of the Pneumatic Controller PCB is monitored by the CPU 68332 PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.52.001	**RAM or software error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:04

FUNCTION_SERVICE:

FAILURE:
RAM or SW error on CPU PCB 68332 or Pneumatic Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty Pneumatic Controller PCB Faulty CPU 68332 PCB

REASON / SHORTREASON_CUSTOMER:

02.52.020	**Inspiratory pressure measurement**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:04

FUNCTION_SERVICE:

FAILURE:
The inspiratory pressure is too high for longer than 1 second and cannot be relieved by way of the emergency venting valve Y1.3. The inspiratory pressure is measured on the Pneumatic Controller PCB and on the CO2 Carrier PCB

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace valve Y1.3; Replace inspiratory pressure sensor; Replace Pneumatic Controller PCB; Replace CO2 Carrier PCB

REASON_SERVICE:
Inspiratory pressure measurement on Pneumatic Controller PCB or CO2 Carrier PCB faulty. Inspiratory pressure sensor faulty Fault in pneumatic unit

REASON / SHORTREASON_CUSTOMER:

02.53.020	**RAM or software error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:04

FUNCTION_SERVICE:

FAILURE:
RAM or SW error on CPU PCB 68332 or Pneumatic Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty Pneumatic Controller PCB Faulty CPU 68332 PCB

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

02.54.001	**RAM or software error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:04

FUNCTION_SERVICE: **FAILURE:**
                                                          RAM or SW error on CPU PCB 68332 or Pneumatic
                                                          Controller PCB.

CONSEQ_SERVICE: **SOLUTION_SERVICE:**
                                                          Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**
Faulty Pneumatic Controller PCB Faulty CPU 68332 PCB

02.54.002	**RAM or software error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:04

FUNCTION_SERVICE: **FAILURE:**
                                                          RAM or SW error on CPU PCB 68332 or Pneumatic
                                                          Controller PCB.

CONSEQ_SERVICE: **SOLUTION_SERVICE:**
                                                          Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**
Faulty Pneumatic Controller PCB Faulty CPU 68332 PCB

02.54.020	**RAM or software error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:04

FUNCTION_SERVICE: **FAILURE:**
                                                          RAM or SW error on CPU PCB 68332 or Pneumatic
                                                          Controller PCB.

CONSEQ_SERVICE: **SOLUTION_SERVICE:**
                                                          Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**
Faulty Pneumatic Controller PCB Faulty CPU 68332 PCB

02.55.001	**RAM or software error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:04

FUNCTION_SERVICE: **FAILURE:**
                                                          RAM or SW error on CPU PCB 68332 or Pneumatic
                                                          Controller PCB.

CONSEQ_SERVICE: **SOLUTION_SERVICE:**
                                                          Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**
Faulty Pneumatic Controller PCB Faulty CPU 68332 PCB

02.55.020	**RAM or software error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:05

FUNCTION_SERVICE: **FAILURE:**
                                                          RAM or SW error on CPU PCB 68332 or Pneumatic
                                                          Controller PCB.

CONSEQ_SERVICE: **SOLUTION_SERVICE:**
                                                          Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**
Faulty Pneumatic Controller PCB Faulty CPU 68332 PCB

Error code list for Evita 4 / 2dura / XL

02.56.001	**RAM or software error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:05

FUNCTION_SERVICE:

FAILURE:
RAM or SW error on CPU PCB 68332 or Pneumatic Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty Pneumatic Controller PCB Faulty CPU 68332 PCB

REASON / SHORTREASON_CUSTOMER:

02.56.002	**RAM or software error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:05

FUNCTION_SERVICE:

FAILURE:
RAM or SW error on CPU PCB 68332

CONSEQ_SERVICE:

SOLUTION_SERVICE:
"Replace CPU PCB; Replace Pneumatic Controller PCB"

REASON_SERVICE:
Faulty CPU 68332 PCB

REASON / SHORTREASON_CUSTOMER:

02.56.020	**RAM or software error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:05

FUNCTION_SERVICE:

FAILURE:
RAM or SW error on CPU PCB 68332 or Pneumatic Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty Pneumatic Controller PCB Faulty CPU 68332 PCB

REASON / SHORTREASON_CUSTOMER:

02.57.001	**RAM or software error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:05

FUNCTION_SERVICE:

FAILURE:
RAM or SW error on CPU PCB 68332 or Pneumatic Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty Pneumatic Controller PCB Faulty CPU 68332 PCB

REASON / SHORTREASON_CUSTOMER:

02.57.002	**RAM or software error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:05

FUNCTION_SERVICE:

FAILURE:
"RAM or SW error on Graphics Controller PCB or Front Panel PCB; CPU 68332 PCB; Pneumatic Controller PCB"

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB; Replace Graphics Controller PCB or Front Panel PCB

REASON_SERVICE:
Faulty Graphics Controller PCB Faulty Front Panel PCB
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.57.020	**RAM or software error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:05

FUNCTION_SERVICE:

FAILURE:
"RAM or SW error on Graphics Controller PCB or Front Panel PCB; CPU 68332 PCB; Pneumatic Controller PCB"

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB; Replace Graphics Controller PCB or Front Panel PCB

REASON_SERVICE:
Faulty Graphics Controller PCB Faulty Front Panel PCB
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.57.021	**RAM or software error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:05

FUNCTION_SERVICE:

FAILURE:
RAM or SW error on CPU PCB 68332 or Pneumatic Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty Pneumatic Controller PCB Faulty CPU 68332 PCB

REASON / SHORTREASON_CUSTOMER:

02.58.001	**RAM or software error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:05

FUNCTION_SERVICE:

FAILURE:
"RAM or SW error on Graphics Controller PCB or Front Panel PCB; CPU 68332 PCB; Pneumatic Controller PCB"

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB; Replace Graphics Controller PCB or Front Panel PCB

REASON_SERVICE:
Faulty Graphics Controller PCB Faulty Front Panel PCB
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.58.002	**RAM or software error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:05

FUNCTION_SERVICE:

FAILURE:
"RAM or SW error on Graphics Controller PCB or Front Panel PCB; CPU 68332 PCB; Pneumatic Controller PCB"

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB; Replace Graphics Controller PCB or Front Panel PCB

REASON_SERVICE:
Faulty Graphics Controller PCB Faulty Front Panel PCB
Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

02.58.003	**RAM or software error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:05

FUNCTION_SERVICE:

FAILURE:
"RAM or SW error on Graphics Controller PCB or Front Panel PCB; CPU 68332 PCB; Pneumatic Controller PCB"

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB; Replace Graphics Controller PCB or Front Panel PCB

REASON_SERVICE:
Faulty Graphics Controller PCB Faulty Front Panel PCB Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.58.020	**RAM or software error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:05

FUNCTION_SERVICE:

FAILURE:
"RAM or SW error on Graphics Controller PCB or Front Panel PCB; CPU 68332 PCB; Pneumatic Controller PCB"

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB; Replace Graphics Controller PCB or Front Panel PCB

REASON_SERVICE:
Faulty Graphics Controller PCB Faulty Front Panel PCB Faulty CPU 68332 PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.59.001	**RAM or software error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:05

FUNCTION_SERVICE:

FAILURE:
RAM or SW error on CPU PCB 68332 or Pneumatic Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.59.002	**RAM or software error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:05

FUNCTION_SERVICE:

FAILURE:
RAM or SW error on CPU PCB 68332 or Pneumatic Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.59.003	**RAM or software error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:05

FUNCTION_SERVICE:

FAILURE:
RAM or SW error on CPU PCB 68332 or Pneumatic Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU PCB; Replace Pneumatic Controller PCB

REASON_SERVICE:
Faulty CPU PCB Faulty Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

02.61.000	**Hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:41

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

02.61.001	**Hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:42

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

02.62.001	**Hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:42

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:
The Pneumatic Controller PCB detects Service codes 02.40... to 02.62.... They correspond to 02.00... to 02.22... of the CPU 68332 PCB.

SOLUTION_SERVICE:
Evita 4/Evita 2 dura: Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. EvitaXL: - See explanation under Service codes 02.00... to 02.22... of CPU 68332 PCB.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.71.001	Hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:24

FUNCTION_SERVICE:

The activation signal from the CPU 68332 PCB to the loudspeaker (approx. 50 Ohms) is tapped via a series resistor (5 Ohms) on the Graphics Controller PCB/Front Panel PCB and made available to the system as digital information. Based on this signal a target/actual comparison of the loudspeaker activation is made. The loudspeaker is located in the control panel/front panel. Note: See also errors 02.71.012 and 02.71.013.

FAILURE:

Audible alarm absent

CONSEQ_SERVICE:

SOLUTION_SERVICE:

Evita 4/Evita 2 dura: - Measure resistance of loudspeaker via connecting cable of control panel incl. cable between pins 9 and 10 of SUB-D cable connector. Test value = 55 plus/minus 8 Ohms. This value incl. shunt resistance must be 5 Ohms above the value of the loudspeaker which can be measured after opening the control panel. - With diagnosis mode at lowest volume setting, see "Repair Instructions - Service no./modes, error list" section 3.2.1, Diagnosis page “Microprocessor ” of “;Front”, page 60. - With external DS mode via PC with lowest volume setting, see "Repair Instructions - Service no./modes, error list" section 9.4.7, Testing loudspeaker, page 143, or see " Repair Instructions - Service no./modes, error list" section 9.5.7, Testing loudspeaker, page 153. EvitaXL: Replace Graphics Controller 8 PCB and install the relevant software.

REASON_SERVICE:

Evita 4; Evita 2 dura: Software error, if the error occurs between multiple operations of suction mode without ventilation occurring in the meantime. This error is eliminated on Evita 4 as from SW 2.21 (Japan from SW 1.09) and on Evita 2 dura in versions later than 3.00. Cable error between CPU 68332 PCB and loudspeaker in control panel. Loudspeaker is faulty. Trouble-shooting: Measure resistance of loudspeaker via connecting cable of control panel incl. cable between pins 9 and 10 of SUB-D cable connector. Test value = 55 plus/minus 8 Ohms. This value incl. shunt resistance must be 5 Ohms above the value of the loudspeaker which can be measured after opening the control panel. - With diagnosis mode at lowest volume setting, see "Repair Instructions - Service no./modes, error list" section 3.2.1, Diagnosis page “Microprocessor ”, front”, page 60. - With external DS mode via PC with lowest volume setting, see "Repair Instructions - Service no./modes, error list" section 9.4.7, Testing loudspeaker, page 143, or see " Repair Instructions - Service no./modes, error list" section 9.5.7, Testing loudspeaker, page 153. EvitaXL: Loudspeaker detection is faulty.

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

02.71.002	Hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:24

FUNCTION_SERVICE:
Flow metering on Pneumatic Controller PCB faulty

FAILURE:
Evita 4; Evita 2 dura: As of SW 1.05: Replace Pneumatic Controller PCB. To SW 1.04: Error is reset if ambient pressure on switch-on is below 961 mbar, but is not displayed on-screen. Only replace Pneumatic Controller PCB if error message is displayed on-screen in operation. EvitaXL: The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Evita 4/Evita 2 dura: - Replace both supply pressure sensors. - Replace Pneumatic Controller PCB and download the relevant software. EvitaXL: - Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Evita 4/Evita 2 dura: - As of SW 1.05: Replace Pneumatic Controller PCB. To SW 1.04: Error is reset if ambient pressure on switch-on is below 961 mbar, but is not displayed on-screen. Only replace Pneumatic Controller PCB if error message is displayed on-screen in operation. To SW 1.04: Error is reset if ambient pressure on switch-on is below 961 mbar, but is not displayed on-screen. Only replace Pneumatic Controller PCB if error message is displayed on-screen in operation. EvitaXL: - A/D conversion on Pneumatic Controller PCB is faulty.

REASON / SHORTREASON_CUSTOMER:

02.71.003	Hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:41

FUNCTION_SERVICE:
In case of a voltage failure the Gold Cap on the CO2 Carrier PCB supplies the piezo alarm generator with voltage and so alerts to the power failure. The duration of this power failure alarm is dependent on the capacitance of the Gold Cap and so both the function and the capacitance are subjected to an hourly test, first performed 5 minutes after the unit is switched on. A unit malfunction is signalled if one of the following criteria is met: a) Final charging voltage too high (above 11 V), voltage regulator faulty b) Final charging voltage too low (below 8 V), charging circuit faulty c) Reference voltage too high (above 6.3 V), discharging circuit faulty d) Reference voltage too low (below 4.5 V), no Gold Cap e) Capacitance less than 30mF, Gold Cap capacitance too low

FAILURE:

CONSEQ_SERVICE:
Gold Cap capacitor, capacitance too low

SOLUTION_SERVICE:
Evita 4/Evita 2 dura: - see Repair Instructions - Electronic components, section 5.5, Conversions, page 35 CO2 Carrier PCB. EvitaXL: - Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Gold Cap capacitance is too low

REASON / SHORTREASON_CUSTOMER:

02.71.004	**Gold Cap capacitor, voltage**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 08.11.2002 14:55:37

FUNCTION_SERVICE:

Gold Cap capacitor, voltage too high

FAILURE:

In case of a voltage failure the Gold Cap on the CO2 Carrier PCB supplies   the piezo alarm generator with voltage and so alerts to the power failure. The duration of this power failure alarm is dependent on the capacitance   of the Gold Cap and so both the function and the capacitance are subjected to an hourly test, first performed 5 minutes after the unit is switched on. A   unit malfunction is signalled if one of the following criteria is met: a) Final charging voltage too high (above 11 V), voltage regulator defective   b) Final charging voltage too low (below 8 V), charging circuit defective   c) Reference voltage too high (above 6.3 V), discharging circuit defective   d) Reference voltage too low (below 4.5 V), no Gold Cap   e) Capacitance less than 30mF, Gold Cap capacitance too low

CONSEQ_SERVICE:

SOLUTION_SERVICE:

see Repair Instructions - Electronic   components, section 5.5, Conversions,   page 35 CO2 Carrier PCB. Replace CO2 carrier

REASON_SERVICE:

In case of a voltage failure the Gold Cap on the CO2 Carrier PCB supplies   the piezo alarm generator with voltage and so alerts to the power failure. The duration of this power failure alarm is dependent on the capacitance   of the Gold Cap and so both the function and the capacitance are subjected to an hourly test, first performed 5 minutes after the unit is switched on. A   unit malfunction is signalled if one of the following criteria is met: a) Final charging voltage too high (above 11 V), voltage regulator defective   b) Final charging voltage too low (below 8 V), charging circuit defective   c) Reference voltage too high (above 6.3 V), discharging circuit defective   d) Reference voltage too low (below 4.5 V), no Gold Cap   e) Capacitance less than 30mF, Gold Cap capacitance too low

REASON / SHORTREASON_CUSTOMER:

| 02.71.005 | **Gold Cap capacitor, voltage** |

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 08.11.2002 14:55:37

FUNCTION_SERVICE:

Gold Cap capacitor, voltage too low

FAILURE:

In case of a voltage failure the Gold Cap on the CO2 Carrier PCB supplies   the piezo alarm generator with voltage and so alerts to a power failure. The duration of this power failure alarm is dependent on the capacitance   of the Gold Cap and so both the function and the capacitance are subjected to an hourly test, first performed 5 minutes after the unit is switched on. A   unit malfunction is signalled if one of the following criteria is met: a) Final charging voltage too high   (above 11 V), voltage regulator   defective   b) Final charging voltage too low   (below 8 V), charging circuit defective   c) Reference voltage too high   (above 6.3 V), discharging circuit   defective   d) Reference voltage too low   (below 4.5 V), no Gold Cap   e) Capacitance less than 30mF, Gold Cap   capacitance too low

CONSEQ_SERVICE:

SOLUTION_SERVICE:

see Repair Instructions - Electronic   components, section 5.5, Conversions,   page 35 CO2 Carrier PCB.

REASON_SERVICE:

In case of a voltage failure the Gold Cap on the CO2 Carrier PCB supplies   the piezo alarm generator with voltage and so alerts to a power failure. The duration of this power failure alarm is dependent on the capacitance   of the Gold Cap and so both the function and the capacitance are subjected to an hourly test, first performed 5 minutes after the unit is switched on. A   unit malfunction is signalled if one of the following criteria is met: a) Final charging voltage too high   (above 11 V), voltage regulator   defective   b) Final charging voltage too low   (below 8 V), charging circuit defective   c) Reference voltage too high   (above 6.3 V), discharging circuit   defective   d) Reference voltage too low   (below 4.5 V), no Gold Cap   e) Capacitance less than 30mF, Gold Cap   capacitance too low

REASON / SHORTREASON_CUSTOMER:

02.71.006	**Gold Cap capacitor, tester**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 08.11.2002 14:55:37

FUNCTION_SERVICE:

Gold Cap capacitor, tester defective

FAILURE:

In case of a voltage failure the Gold Cap on the CO_2 Carrier PCB supplies   the piezo alarm generator with voltage and so alerts to the power failure. The duration of this power failure alarm is dependent on the capacitance   of the Gold Cap and so both the function and the capacitance are subjected to an hourly test, first performed 5 minutes after the unit is switched on. A   unit malfunction is signalled if one of the following criteria is met: a) Final charging voltage too high (above 11 V), voltage regulator defective   b) Final charging voltage too low (below 8 V), charging circuit defective   c) Reference voltage too high (above 6.3 V), discharging circuit defective   d) Reference voltage too low (below 4.5 V), no Gold Cap   e) Capacitance less than 30mF, Gold Cap capacitance too low

CONSEQ_SERVICE:

SOLUTION_SERVICE:

see Repair Instructions - Electronic components, section 5.5, Conversions, page 35 CO_2 Carrier PCB.

REASON_SERVICE:

In case of a voltage failure the Gold Cap on the CO_2 Carrier PCB supplies   the piezo alarm generator with voltage and so alerts to the power failure. The duration of this power failure alarm is dependent on the capacitance   of the Gold Cap and so both the function and the capacitance are subjected to an hourly test, first performed 5 minutes after the unit is switched on. A   unit malfunction is signalled if one of the following criteria is met: a) Final charging voltage too high (above 11 V), voltage regulator defective   b) Final charging voltage too low (below 8 V), charging circuit defective   c) Reference voltage too high (above 6.3 V), discharging circuit defective   d) Reference voltage too low (below 4.5 V), no Gold Cap   e) Capacitance less than 30mF, Gold Cap capacitance too low

REASON / SHORTREASON_CUSTOMER:

02.71.007	**Boot test faulty**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 08.11.2002 14:55:37

FUNCTION_SERVICE:

Boot test faulty

FAILURE:

CPU 68332 PCB (more probably) or Pneumatic Controller PCB defective. Note: Displayed in addition to other error messages.

CONSEQ_SERVICE:

SOLUTION_SERVICE:

Replace CPU PCB; Replace Pneumatic Controller PCB.

REASON_SERVICE:

CPU 68332 PCB (more probably) or Pneumatic Controller PCB defective. Note: Displayed in addition to other error messages.

REASON / SHORTREASON_CUSTOMER:

02.71.008	**Piezo alarm generator, trigger aux**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 08.11.2002 14:55:18

FUNCTION_SERVICE:

Piezo alarm generator, auxiliary alarm trigger defective

FAILURE:

As well as signalling a power failure alarm, the piezo also functions as a replacement alarm for the loudspeaker in the event of a defect in the CPU 68332 (standstill). To ensure this, the piezo is suppressed on the CO_2 Carrier PCB by the CPU 68332 PCB   with a square signal. If this cycle misses, the resultant muting of the piezo is cancelled and a continuous beep sounds. To test the piezo the muting is purposely cancelled. The current through the piezo, which now rises   because of the cancelled muting, can be measured a a voltage drop via a series resistor by the A/D converter on the CO_2 Carrier PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:

- With diagnosis mode, see "Repair Instructions   - Service no./modes, error list" section 3.3.2, Diagnosis page Microprocessor of electronics, page 66.   - With external DS mode via PC, see "Repair Instructions - Service no./modes, error list" section 9.4.6, Testing horn, page 142.

REASON_SERVICE:

a) CO_2 Carrier PCB defective   b) CPU 68332 PCB defective

REASON / SHORTREASON_CUSTOMER:

02.71.009	**Piezo alarm generator: Current too high**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 08.11.2002 14:55:18

FUNCTION_SERVICE:

Piezo alarm generator, current too high

FAILURE:

As well as signalling a power failure alarm, the piezo also functions as a replacement alarm for the loudspeaker in the event of a defect in the CPU 68332 (standstill). To ensure this, the piezo is suppressed on the CO_2 Carrier PCB by the CPU 68332 PCB   with a square signal. If this cycle misses, the resultant muting of the piezo is cancelled and a continuous beep sounds. To test the piezo the muting is purposely cancelled. The current through the piezo, which now rises   because of the cancelled muting, can be measured a a voltage drop via a series resistor by the A/D converter on the CO_2 Carrier PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:

- With diagnosis mode, see "Repair Instructions   - Service no./modes, error list" section 3.3.2, Diagnosis page Microprocessor of electronics, page 66.   - With external DS mode via PC, see "Repair Instructions - Service no./modes, error list" section 9.4.6, Testing horn, page 142.

REASON_SERVICE:

a) CO_2 Carrier PCB defective   b) CPU 68332 PCB defective

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

02.71.010	Hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:24

FUNCTION_SERVICE:

As well as signalling a power failure alarm, the piezo also functions as a replacement alarm for the loudspeaker in the event of a fault in the CPU 68332 (standstill). To ensure this, the piezo is suppressed on the CO2 Carrier PCB by the CPU 68332 PCB with a square signal. If this cycle misses, the resultant muting of the piezo is cancelled and a continuous beep sounds. To test the piezo the muting is purposely cancelled. The current through the piezo, which now rises because of the cancelled muting, can be measured as a voltage drop via a series resistor by the A/D converter on the CO2 Carrier PCB.

FAILURE:

Evita 4/Evita 2 dura: - CO2 Carrier PCB or CPU 68332 PCB is faulty. EvitaXL: - The piezo cable is unplugged or the piezo is faulty or the CO2 Carrier PCB is faulty.

CONSEQ_SERVICE:

Piezo alarm generator, current too low

SOLUTION_SERVICE:

Evita 4/Evita 2 dura: - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.3.2, Diagnosis page Microprocessor; of electronics, page 66. - With external DS mode via PC, see "Repair Instructions - Service no./modes, error list" section 9.4.6, Testing horn, page 142. EvitaXL: Plug in the piezo cable. If plugging in the piezo cable was not successful, replace the piezo. If replacing the piezo was not successful, replace the CO2 Carrier PCB.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

02.71.011	Hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:25

FUNCTION_SERVICE:

The specified setting of the nebuliser valve is continuously checked against the returned signal from the activation electronics.

FAILURE:

Drug nebuliser valve is not connected or Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:

Replace Pneumatic Controller PCB and install the relevant software. (Note: Whether the drug nebuliser valve is connected is not detected.)

REASON_SERVICE:

Evita 4/Evita 2 dura: - Drug nebuliser valve monitoring is faulty. EvitaXL: - The drug nebuliser valve comparator is faulty.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.71.012	Hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:25

FUNCTION_SERVICE:

The activation signal from the CPU 68332 PCB to the loudspeaker (approx. 50 Ohms) is tapped via a series resistor (5 Ohms) on the Graphics Controller PCB and made available to the system as digital information. Based on this signal a target/actual comparison of the loudspeaker activation is made. If this target/actual comparison detects an error, a unit malfunction is generated.

FAILURE:

Evita 4/Evita 2 dura: a) Cable fault between CO2 Carrier PCB and loudspeaker in control panel or b) Loudspeaker faulty or c) Graphics Controller PCB faulty or d) CPU 68332 PCB faulty EvitaXL: -Graphics Controller 8 PCB is faulty.

CONSEQ_SERVICE:

Loudspeaker is detected too infrequently.

SOLUTION_SERVICE:

Evita 4/Evita 2 dura: Trouble-shooting: Measure resistance of loudspeaker via connecting cable of control panel incl. cable between pins 9 and 10 of SUB-D cable connector. Test value = 55 plus/minus 8 Ohms. This value incl. shunt resistance must be 5 Ohms above the value of the loudspeaker which can be measured after opening the control panel. - With diagnosis mode at lowest volume setting, see "Repair Instructions - Service no./modes, error list" section 3.2.1, Diagnosis page “Microprocessor” of “Front”, page 60. - With external DS mode via PC with lowest volume setting, see "Repair Instructions - Service no./modes, error list" section 9.4.7, Testing loudspeaker, page 143, or see " Repair Instructions - Service no./modes, error list" section 9.5.7, Testing loudspeaker, page 153. Note: See also error 02.71.001 Repair cable error between CO2 Carrier PCB and loudspeaker in control panel. Replace loudspeaker. Replace Graphics Controller PCB and install the relevant software. Replace CPU 68332 PCB and install the relevant software. EvitaXL: - Replace Graphics Controller 8 PCB and install the relevant software.

REASON_SERVICE:

EvitaXL: - The sound detection is faulty.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.71.013	Hardware error

FIRST_SOFTWARE: 1　　　LAST_SOFTWARE: 99,99　　　MODDAT:　　　11.04.2003 12:01:25

FUNCTION_SERVICE:

The activation signal from the CPU 68332 PCB to the loudspeaker (approx. 50 Ohms) is tapped with a series resistor (5 Ohms) on the Graphics Controller PCB and made available to the system as digital information. Based on this signal a target/actual comparison of the loudspeaker activation is made. If this target/actual comparison detects an error, a unit malfunction is generated.

FAILURE:

Evita 4/Evita 2 dura: a) Cable error between CO2 Carrier PCB and loudspeaker in control panel or b) Loudspeaker faulty or c) Graphics Controller PCB faulty or d) CPU 68332 PCB faulty EvitaXL: - The Graphics Controller 8 PCB is faulty.

CONSEQ_SERVICE:

Loudspeaker detected too frequently.

SOLUTION_SERVICE:

Evita 4/Evita 2 dura: Trouble-shooting: Measure resistance of loudspeaker via connecting cable of control panel incl. cable between pins 9 and 10 of SUB-D cable connector. Test value = 55 plus/minus 8 Ohms. This value incl. shunt resistance must be 5 Ohms above the value of the loudspeaker which can be measured after opening the control panel. - With diagnosis mode at lowest volume setting, see "Repair Instructions - Service no./modes, error list" section 3.2.1, Diagnosis page "Microprocessor" of "Front", page 60. - With external DS mode via PC with lowest volume setting, see "Repair Instructions - Service no./modes, error list" section 9.4.7, Testing loudspeaker, page 143, or see " Repair Instructions - Service no./modes, error list" section 9.5.7, Testing loudspeaker, page 153. Note: See also error 02.71.001 Repair cable error between CO2 Carrier PCB and loudspeaker in control panel. Replace loudspeaker. Replace Graphics Controller PCB or Front Panel PCB and install the relevant software. Replace CPU 68332 PCB and install the relevant software. EvitaXL: - Replace Graphics Controller 8 PCB and install the relevant software.

REASON_SERVICE:

Evita 4/Evita 2 dura: a) Cable error between CO2 Carrier PCB and loudspeaker in control panel or b) Loudspeaker faulty or c) Graphics Controller PCB faulty or d) CPU 68332 PCB faulty EvitaXL: - The sound detection is faulty.

REASON / SHORTREASON_CUSTOMER:

02.71.014	+ 15 V is too low

FIRST_SOFTWARE: 1　　　LAST_SOFTWARE: 99,99　　　MODDAT:　　　11.04.2003 12:01:25

FUNCTION_SERVICE:

The operating voltages accessible on the CO2 Carrier PCB with an A/D converter are compared cyclically against the defined tolerances. A shortfall of + 14 V results in a unit malfunction signal.

FAILURE:

Power supply unit is faulty or CO2 Carrier PCB is faulty.

CONSEQ_SERVICE:

+ 15 V is too low or not present.

SOLUTION_SERVICE:

Evita 4/Evita 2 dura: Check of power supply unit voltages (several possibilities): Measure voltage with multimeter, see Repair Instructions - Electronic components, section 1, Power supply unit, page 1 - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.2.1, diagnosis page "Microprocessor" of "Front", page 60. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.4.1, Testing voltages, page 133. If OK = Replace CO2 Carrier PCB If not OK = Replace power supply unit EvitaXL: Check power supply unit voltages and replace power supply unit as necessary. If the power supply unit is OK, replace the CO2 Carrier PCB.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

02.71.015	**+10V reference voltage too low**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:25

FUNCTION_SERVICE:
The voltage is reduced on the CO2 Carrier PCB from the + 15 V and also measured there. A shortfall of +9 V results in a unit malfunction signal.

FAILURE:
Power supply unit or CO2 Carrier PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Measure power supply unit voltages, replace power supply unit as necessary. If replacing the power supply unit was not successful, replace the CO2 Carrier PCB.

REASON_SERVICE:
The reference voltage +10V falls short of the tolerance.

REASON / SHORTREASON_CUSTOMER:

02.71.016	**AD conversion for O2 metering is faulty**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:25

FUNCTION_SERVICE:
The pre-amplified voltage of the O2 sensor is read-in on the Pneumatic Controller PCB by two independent A/D converters. Trouble-shooting: With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.4.2, diagnosis page “ Sensors” Pneumatic”, page 73. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.3.4, Sensors, page 125.

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:
The voltages are different.

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
The raw voltage and the amplified voltage of the O2 sensor are not within the tolerance.

REASON / SHORTREASON_CUSTOMER:

02.71.017	**Activation of O2/Air switch-over valve is faulty**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:25

FUNCTION_SERVICE:
The specified setting of the O2/Air switch-over valve is continuously checked against the returned signal of the activation electronics on the Pneumatic Controller PCB.

FAILURE:
Trouble-shooting: With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.4.1, diagnosis page “ Valves” of Pneumatic”, page 70. With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.3.1, Valves, page 123.

CONSEQ_SERVICE:
The returned activation signal for the O2/AIR switch-over valve produces incorrect values.

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software. (Note: Whether the O2/AIR switch-over valve is connected is not detected.)

REASON_SERVICE:
The switch-over valve is not connected or is faulty.

REASON / SHORTREASON_CUSTOMER:

02.71.018	**Wrong drug nebuliser gas**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:41

FUNCTION_SERVICE:

During a drug nebulisation the specified setting of the O2/AIR switch-over valve is continuously checked against the returned signal from the activation electronics. Up to SW 3.21 lower tolerance range. As from SW 3.22 tolerance range extended and so error occurs less frequently.

FAILURE:

The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

Returned activation signal of O2/AIR switch-over valve producing wrong values.

SOLUTION_SERVICE:

Evita 4/Evita 2 dura: - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.4.1, diagnosis page "Pneumatic valves". - With external service mode, see Repair Instructions - Service no./modes, error list" section 9.3.1, Switching valves. - Replace Pneumatic Controller PCB and install the relevant software. EvitaXL: - Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:

Wrong drug nebuliser gas.

REASON / SHORTREASON_CUSTOMER:

02.71.019	**Cold/warm start detection is faulty**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:25

FUNCTION_SERVICE:

The cold/warm start detection is effected with the power switch auxiliary contacts of the On switch in the power supply unit. The CO2 Carrier PCB reads in the power switch auxiliary contacts.

FAILURE:

Trouble-shooting: - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.3.2, diagnosis page " Microprocessor" of " Electronic", page 66. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.4.2, Power supply unit status, page 134. Possible cause of error: - Power switch auxiliary contacts in power switch are faulty or wrongly connected. - CO2 Carrier PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:

Evita 4/Evita 2 dura: Replace power supply unit. If replacing the power supply unit was not successful, replace the CO2 Carrier PCB. EvitaXL: Replace power supply unit. If replacing the power supply unit was not successful, replace the CO2 Carrier PCB. If replacement of the CO2 Carrier PCB was not successful, replace the CPU 68332 PCB and install the relevant software.

REASON_SERVICE:

Evita 4/Evita 2 dura: - Power switch contacts not functioning. - CO2 Carrier PCB faulty. EvitaXL: - Cold start detection is faulty.

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

02.71.020	Hardware error

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:25

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:
The data to initialise the interrupt masks are incorrectly stored.

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
RAM or software error on CPU 68332 PCB or Pneumatic Controller PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

02.71.021	Time basis is faulty

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:25

FUNCTION_SERVICE:
The quartz times of the CPU 68332 PCB and the Pneumatic Controller PCB are compared. In the event of a difference an error message is delivered.

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

02.72.001	

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 12.12.2002 09:19:05

FUNCTION_SERVICE:

FAILURE:

CONSEQ_SERVICE:

SOLUTION_SERVICE:

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

02.72.002	

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 12.12.2002 09:19:05

FUNCTION_SERVICE:

FAILURE:

CONSEQ_SERVICE:

SOLUTION_SERVICE:

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

02.72.004

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:05

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.005

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:05

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.006

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:05

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.007

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:05

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.008

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:05

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

Error code list for Evita 4 / 2dura / XL

02.72.009

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:05

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.010

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:05

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.020

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:05

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.040

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.041

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

Error code list for Evita 4 / 2dura / XL

02.72.042

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.050

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.051

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.060

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.061

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

Error code list for   Evita 4 / 2dura / XL

02.72.070			
FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06
FUNCTION_SERVICE:		**FAILURE:**	
CONSEQ_SERVICE:		**SOLUTION_SERVICE:**	
REASON_SERVICE:		**REASON / SHORTREASON_CUSTOMER:**	

02.72.071			
FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06
FUNCTION_SERVICE:		**FAILURE:**	
CONSEQ_SERVICE:		**SOLUTION_SERVICE:**	
REASON_SERVICE:		**REASON / SHORTREASON_CUSTOMER:**	

02.72.080			
FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06
FUNCTION_SERVICE:		**FAILURE:**	
CONSEQ_SERVICE:		**SOLUTION_SERVICE:**	
REASON_SERVICE:		**REASON / SHORTREASON_CUSTOMER:**	

02.72.090			
FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06
FUNCTION_SERVICE:		**FAILURE:**	
CONSEQ_SERVICE:		**SOLUTION_SERVICE:**	
REASON_SERVICE:		**REASON / SHORTREASON_CUSTOMER:**	

02.72.100			
FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06
FUNCTION_SERVICE:		**FAILURE:**	
CONSEQ_SERVICE:		**SOLUTION_SERVICE:**	
REASON_SERVICE:		**REASON / SHORTREASON_CUSTOMER:**	

Error code list for   Evita 4 / 2dura / XL

02.72.201

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.202

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.203

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.204

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.205

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.206

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.207

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.208

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.209

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.211

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

Error code list for Evita 4 / 2dura / XL

02.72.212

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.213

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.214

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.215

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.216

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

Error code list for Evita 4 / 2dura / XL

02.72.217

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.218

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.219

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.221

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.222

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.223

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.224

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.225

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.226

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.227

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

Error code list for   Evita 4 / 2dura / XL

02.72.228

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.229

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.231

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.232

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.233

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

Error code list for   Evita 4 / 2dura / XL

02.72.234

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.235

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.236

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.237

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.238

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**

02.72.239

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06

FUNCTION_SERVICE:

FAILURE:

CONSEQ_SERVICE:

SOLUTION_SERVICE:

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

03.01.001	**Touchscreen not detected on booting**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:25

FUNCTION_SERVICE:
After Evita 4 power-on the touchscreen is not detected by the Graphics Controller PCB. The touchscreen communicates via the RS232 interface with the Graphics Controller PCB.

FAILURE:
Trouble-shooting, Evita 4: - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.2.1, diagnosis page "Microprocessor" of "Front", page 60. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.5.5, Testing touchscreen, page 150.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace touchscreen. If replacement of the touchscreen was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

03.01.002	**Hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:25

FUNCTION_SERVICE:
After unit power-on the touchscreen is not detected by the Graphics Controller PCB. The touchscreen communicates via the RS232 interface with the Graphics Controller PCB.

FAILURE:
Trouble-shooting: - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.2.1, diagnosis page “Microprocessor” of “Front”, page 60. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.5.5, Testing touchscreen, page 150.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace touchscreen (Evita 4; EvitaXL). If replacement of the touchscreen was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
- Touchscreen (Evita 4; EvitaXL) is faulty. - Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

03.01.003	Hardware error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:25

FUNCTION_SERVICE:

The touchscreen communicates via the RS232 interface with the Graphics Controller PCB (Evita 4; EvitaXL) and the Front Panel PCB (Evita 2 dura).

FAILURE:

Trouble-shooting: - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.2.1, diagnosis page “Microprocessor” of “Front”, page 60. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.5.5, Testing touchscreen, page 150.

CONSEQ_SERVICE:

Similar to error 03.01.001, but occurred in operation. After unit power-on the screen is not detected by the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

SOLUTION_SERVICE:

Replace touchscreen (Evita 4; EvitaXL). If replacement of the touchscreen was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

Touchscreen (Evita 4; EvitaXL) is faulty. Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

REASON / SHORTREASON_CUSTOMER:

03.02.001	Mode switch detected

FIRST_SOFTWARE: 4,1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:18:52

FUNCTION_SERVICE:

1. During operation as unit fault (software error on Graphics Controller PCB) Please notify the responsible DrägerService product support executive immediately 2. The error message can be ignored if: The unit ventilates with no volume control. Then choose "Configuration -> Ventilation->3032->Modes" to alter the AutoFlow setting. Detection: Before unit fault 03.02.001 the log reports "Autoflow on" or "Autoflow off" as appropriate

FAILURE:

1. Unit fault 2. No effect

CONSEQ_SERVICE:

Software error on Graphics Controller PCB

SOLUTION_SERVICE:

Please notify the responsible DrägerService product support executive immediately

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

03.07.001	"Reset wire" error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:26

FUNCTION_SERVICE:
Error reset wire

FAILURE:
Control panel or Front Panel PCB is not connected. Cable to control panel or to Front Panel PCB is faulty. CPU 68332 PCB is faulty. Graphics Controller PCB or Front Panel PCB is faulty. Connector between PCBs is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Evita 4/Evita 2 dura: 1) Check front panel cable, replace front panel cable as necessary. 2) Remove housing cover so service LEDs on CPU 68332 PCB are visible. If necessary, plug the CPU 68332 PCB into one of the upper slots. 3) Connect control panel ready for use. 4) Switch on unit. 5) LED 6 must light up briefly after power-on: If it does not = CPU 68332 PCB faulty If it does = CPU 68332 PCB probably OK, replace Graphics Controller PCB (Evita 4; EvitaXL) Front Panel PCB (Evita 2 dura) and install the relevant software. EvitaXL: Check control panel connector and replace connector as necessary. Check cable to control panel and replace cable as necessary. Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Graphics Controller 8 PCB and install the relevant software. Check connector between PCBs and replace connector as necessary.

REASON_SERVICE:
There is an open circuit in the reset wire from the CPU 68332 PCB to the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

04.01.001	**Power supply unit error, 5V supply voltage**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:40

FUNCTION_SERVICE:
The operating voltages accessible on the CO_2 Carrier PCB with an A/D converter are compared cyclically against the defined tolerances of plus/minus 20%.

FAILURE:
Trouble-shooting: Check of power supply unit voltages (several possibilities): Measure voltage with multimeter, see Repair Instructions - Electronic components, section 1, Power supply unit, page 1 - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.3.2, diagnosis page Microprocessor of Electronic, page 66. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.4.1, Testing voltages, page 133. If OK = Replace CO_2 Carrier PCB If not OK = Replace power supply unit Important: 001 Power supply unit +5V too high (for digital components) 002 Power supply unit +5 V too low 003 Power supply unit +12V too high (for HPSVs, fan in power supply unit) 004 Power supply unit +12V too low 005 Power supply unit +15V too high (for analog components) 006 Power supply unit +15V too low 007 Power supply unit -15V too high (for analog components) 008 Power supply unit -15V too low 009 Power supply unit +24V too high (for valves and control panel) 010 Power supply unit +24V too low

CONSEQ_SERVICE:
Power supply unit error: 5V supply voltage is above 6 V

SOLUTION_SERVICE:
Check power supply unit voltages. If the voltages are incorrect, replace the power supply unit. If replacing the power supply unit was not successful, replace the CO_2 Carrier PCB.

REASON_SERVICE:
Power supply unit (source) or CO_2 Carrier PCB (monitor) is faulty.

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

04.01.002	**Power supply unit error, 5V supply voltage**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:41

FUNCTION_SERVICE:

The operating voltages accessible on the CO2 Carrier PCB with an A/D converter are compared cyclically against the defined tolerances of plus/minus 20%.

FAILURE:

Trouble-shooting: Check of power supply unit voltages (several possibilities): - Measure voltage with multimeter, see Repair Instructions - Electronic components, section 1, Power supply unit, page 1 - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.3.2, diagnosis page Microprocessor of Electronic, page 66. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.4.1, Testing voltages, page 133. If OK = Replace CO2 Carrier PCB If not OK = Replace power supply unit Important: 001 Power supply unit +5V too high (for digital components) 002 Power supply unit +5 V too low 003 Power supply unit +12V too high (for HPSVs, fan in power supply unit) 004 Power supply unit +12V too low 005 Power supply unit +15V too high (for analog components) 006 Power supply unit +15V too low 007 Power supply unit -15V too high (for analog components) 008 Power supply unit -15V too low 009 Power supply unit +24V too high (for valves and control panel) 010 Power supply unit +24V too low

CONSEQ_SERVICE:

Power supply unit error: 5V supply voltage is below 4 V.

SOLUTION_SERVICE:

Check power supply unit voltages. If the voltages are incorrect, replace the power supply unit. If replacing the power supply unit was not successful, replace the CO2 Carrier PCB.

REASON_SERVICE:

Power supply unit is faulty (source) or CO2 Carrier PCB (source monitor) is faulty.

REASON / SHORTREASON_CUSTOMER:

04.01.003	**Power supply unit error, 12V supply voltage**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:41

FUNCTION_SERVICE:

The operating voltages accessible on the CO2 Carrier PCB with an A/D converter are compared cyclically against the defined tolerances of plus/minus 20%.

FAILURE:

Trouble-shooting: - Check of power supply unit voltages (several possibilities): - Measure voltage with multimeter, see Repair Instructions - Electronic components, section 1, Power supply unit, page 1 - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.3.2, diagnosis page Microprocessor of Electronic, page 66. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.4.1, Testing voltages, page 133. If OK = Replace CO2 Carrier PCB If not OK = Replace power supply unit Important: 001 Power supply unit +5V too high (for digital components) 002 Power supply unit +5 V too low 003 Power supply unit +12V too high (for HPSVs, fan in power supply unit) 004 Power supply unit +12V too low 005 Power supply unit +15V too high (for analog components) 006 Power supply unit +15V too low 007 Power supply unit -15V too high (for analog components) 008 Power supply unit -15V too low 009 Power supply unit +24V too high (for valves and control panel) 010 Power supply unit +24V too low

CONSEQ_SERVICE:

Power supply unit error: 12V supply voltage is above 14.4 V.

SOLUTION_SERVICE:

Check power supply unit voltages. If the voltages are incorrect, replace the power supply unit. If replacing the power supply unit was not successful, replace the CO2 Carrier PCB.

REASON_SERVICE:

Power supply unit is faulty (source) or CO2 Carrier PCB (monitor) is faulty.

REASON / SHORTREASON_CUSTOMER:

04.01.004	**Power supply unit error, 12V supply voltage**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:41

FUNCTION_SERVICE:

The operating voltages accessible on the CO2 Carrier PCB with an A/D converter are compared cyclically against the defined tolerances of plus/minus 20%.

FAILURE:

Trouble-shooting: Check of power supply unit voltages (several possibilities): - Measure voltage with multimeter, see Repair Instructions - Electronic components, section 1, Power supply unit, page 1 - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.3.2, diagnosis page Microprocessor of Electronic, page 66. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.4.1, Testing voltages, page 133. If OK = Replace CO2 Carrier PCB If not OK = Replace power supply unit Important: 001 Power supply unit +5V too high (for digital components) 002 Power supply unit +5 V too low 003 Power supply unit +12V too high (for HPSVs, fan in power supply unit) 004 Power supply unit +12V too low 005 Power supply unit +15V too high (for analog components) 006 Power supply unit +15V too low 007 Power supply unit -15V too high (for analog components) 008 Power supply unit -15V too low 009 Power supply unit +24V too high (for valves and control panel) 010 Power supply unit +24V too low

CONSEQ_SERVICE:

Power supply unit error: 12V supply voltage is below 9.6 V

SOLUTION_SERVICE:

Check power supply unit voltages. If the voltages are incorrect, replace the power supply unit. If replacing the power supply unit was not successful, replace the CO2 Carrier PCB.

REASON_SERVICE:

Power supply unit (source) is faulty or CO2 Carrier PCB (monitor) is faulty.

REASON / SHORTREASON_CUSTOMER:

04.01.005	**Power supply unit error, 15V supply voltage**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:41

FUNCTION_SERVICE:

The operating voltages accessible on the CO2 Carrier PCB with an A/D converter are compared cyclically against the defined tolerances of plus/minus 20 %.

FAILURE:

Trouble-shooting: Check of power supply unit voltages (several possibilities): - Measure voltage with multimeter, see Repair Instructions - Electronic components, section 1, Power supply unit, page 1 - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.3.2, diagnosis page Microprocessor of Electronic, page 66. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.4.1, Testing voltages, page 133. If OK = Replace CO2 Carrier PCB If not OK = Replace power supply unit Important: 001 Power supply unit +5V too high (for digital components) 002 Power supply unit +5 V too low 003 Power supply unit +12V too high (for HPSVs, fan in power supply unit) 004 Power supply unit +12V too low 005 Power supply unit +15V too high (for analog components) 006 Power supply unit +15V too low 007 Power supply unit -15V too high (for analog components) 008 Power supply unit -15V too low 009 Power supply unit +24V too high (for valves and control panel) 010 Power supply unit +24V too low

CONSEQ_SERVICE:

Power supply unit error: 15V supply voltage is above 18 V

SOLUTION_SERVICE:

Check power supply unit voltages. If the voltages are incorrect, replace the power supply unit. If replacing the power supply unit was not successful, replace the CO2 Carrier PCB.

REASON_SERVICE:

Power supply unit (source) is faulty or CO2 Carrier PCB (monitor) is faulty.

REASON / SHORTREASON_CUSTOMER:

04.01.006	**Power supply unit error, 15V supply voltage**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:41

FUNCTION_SERVICE:
The operating voltages accessible on the CO2 Carrier PCB with an A/D converter are compared cyclically against the defined tolerances of plus/minus 20%.

FAILURE:
Trouble-shooting: Check of power supply unit voltages (several possibilities): - Measure voltage with multimeter, see Repair Instructions - Electronic components, section 1, Power supply unit, page 1 - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.3.2, diagnosis page Microprocessor Electronic, page 66. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.4.1, Testing voltages, page 133. If OK = Replace CO2 Carrier PCB If not OK = Replace power supply unit Important: 001 Power supply unit +5V too high (for digital components) 002 Power supply unit +5 V too low 003 Power supply unit +12V too high (for HPSVs, fan in power supply unit) 004 Power supply unit +12V too low 005 Power supply unit +15V too high (for analog components) 006 Power supply unit +15V too low 007 Power supply unit -15V too high (for analog components) 008 Power supply unit -15V too low 009 Power supply unit +24V too high (for valves and control panel) 010 Power supply unit +24V too low

CONSEQ_SERVICE:
Power supply unit error: 15V supply voltage is below 12 V

SOLUTION_SERVICE:
Check power supply unit voltages. If the voltages are incorrect, replace the power supply unit. If replacing the power supply unit was not successful, replace the CO2 Carrier PCB.

REASON_SERVICE:
Power supply unit (source) is faulty or CO2 Carrier PCB (monitor) is faulty.

REASON / SHORTREASON_CUSTOMER:

04.01.007	**Power supply unit error, -15V supply voltage**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:41

FUNCTION_SERVICE:
The operating voltages accessible on the CO2 Carrier PCB with an A/D converter are compared cyclically against the defined tolerances of plus/minus 20%.

FAILURE:
Trouble-shooting: Check of power supply unit voltages (several possibilities): - Measure voltage with multimeter, see Repair Instructions - Electronic components, section 1, Power supply unit, page 1 - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.3.2, diagnosis page Microprocessor of Electronic, page 66. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.4.1, Testing voltages, page 133. If OK = Replace CO2 Carrier PCB If not OK = Replace power supply unit Important: 001 Power supply unit +5V too high (for digital components) 002 Power supply unit +5 V too low 003 Power supply unit +12V too high (for HPSVs, fan in power supply unit) 004 Power supply unit +12V too low 005 Power supply unit +15V too high (for analog components) 006 Power supply unit +15V too low 007 Power supply unit -15V too high (for analog components) 008 Power supply unit -15V too low 009 Power supply unit +24V too high (for valves and control panel) 010 Power supply unit +24V too low

CONSEQ_SERVICE:
Power supply unit error: -15V supply voltage is above -18 V

SOLUTION_SERVICE:
Check power supply unit voltages. If the voltages are incorrect, replace the power supply unit. If replacing the power supply unit was not successful, replace the CO2 Carrier PCB.

REASON_SERVICE:
Power supply unit (source) is faulty or CO2 Carrier PCB (monitor) is faulty.

REASON / SHORTREASON_CUSTOMER:

04.01.008	**Power supply unit error, -15V supply voltage**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:41

FUNCTION_SERVICE:

The operating voltages accessible on the CO2 Carrier PCB with an A/D converter are compared cyclically against the defined tolerances of plus/minus 20%.

FAILURE:

Trouble-shooting: Check of power supply unit voltages (several possibilities): - Measure voltage with multimeter, see Repair Instructions - Electronic components, section 1, Power supply unit, page 1 - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.3.2, diagnosis page Microprocessor of Electronic, page 66. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.4.1, Testing voltages, page 133. If OK = Replace CO2 Carrier PCB If not OK = Replace power supply unit Important: 001 Power supply unit +5V too high (for digital components) 002 Power supply unit +5 V too low 003 Power supply unit +12V too high (for HPSVs, fan in power supply unit) 004 Power supply unit +12V too low 005 Power supply unit +15V too high (for analog components) 006 Power supply unit +15V too low 007 Power supply unit -15V too high (for analog components) 008 Power supply unit -15V too low 009 Power supply unit +24V too high (for valves and control panel) 010 Power supply unit +24V too low

CONSEQ_SERVICE:

Power supply unit error: -15V supply voltage is below -12 V

SOLUTION_SERVICE:

Check power supply unit voltages. If the voltages are incorrect, replace the power supply unit. If replacing the power supply unit was not successful, replace the CO2 Carrier PCB.

REASON_SERVICE:

Power supply unit (source) is faulty or CO2 Carrier PCB (monitor) is faulty.

REASON / SHORTREASON_CUSTOMER:

04.01.009	**Power supply unit error, 24V supply voltage**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:41

FUNCTION_SERVICE:

The operating voltages accessible on the CO2 Carrier PCB with an A/D converter are compared cyclically against the defined tolerances of plus/minus 20%.

FAILURE:

Trouble-shooting: Check of power supply unit voltages (several possibilities): - Measure voltage with multimeter, see Repair Instructions - Electronic components, section 1, Power supply unit, page 1 - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.3.2, diagnosis page Microprocessor of Electronic, page 66. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.4.1, Testing voltages, page 133. If OK = Replace CO2 Carrier PCB If not OK = Replace power supply unit Important: 001 Power supply unit +5V too high (for digital components) 002 Power supply unit +5 V too low 003 Power supply unit +12V too high (for HPSVs, fan in power supply unit) 004 Power supply unit +12V too low 005 Power supply unit +15V too high (for analog components) 006 Power supply unit +15V too low 007 Power supply unit -15V too high (for analog components) 008 Power supply unit -15V too low 009 Power supply unit +24V too high (for valves and control panel) 010 Power supply unit +24V too low

CONSEQ_SERVICE:

Power supply unit error: 24V supply voltage is above 28.8 V

SOLUTION_SERVICE:

Check power supply unit voltages. If the voltages are incorrect, replace the power supply unit. If replacing the power supply unit was not successful, replace the CO2 Carrier PCB.

REASON_SERVICE:

Evita 4/Evita 2 dura: a) Power supply unit faulty (source) b) CO2 Carrier PCB faulty (monitor) EvitaXL: - Power supply unit error; 24V supply voltage is above 28.8 V. The operating voltages accessible by way of an A/D converter on the CO2 Carrier PCB are compared cyclically against the defined tolerances of plus/minus 20%.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

04.01.010	**Power supply unit error, 24V supply voltage**

FIRST_SOFTWARE: 1　　　　LAST_SOFTWARE: 99,99　　　　MODDAT:　　　　11.04.2003 12:01:41

FUNCTION_SERVICE:

The operating voltages accessible on the CO2 Carrier PCB with an A/D converter are compared cyclically against the defined tolerances of plus/minus 20 %.

FAILURE:

Trouble-shooting: Check of power supply unit voltages (several possibilities): - Measure voltage with multimeter, see Repair Instructions - Electronic components, section 1, Power supply unit, page 1 - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.3.2, diagnosis page Microprocessor ”of “Electronic”, page 66. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.4.1, Testing voltages, page 133. If OK = Replace CO2 Carrier PCB If not OK = Replace power supply unit Important: 001 Power supply unit +5V too high (for digital components) 002 Power supply unit +5 V too low 003 Power supply unit +12V too high (for HPSVs, fan in power supply unit) 004 Power supply unit +12V too low 005 Power supply unit +15V too high (for analog components) 006 Power supply unit +15V too low 007 Power supply unit -15V too high (for analog components) 008 Power supply unit -15V too low 009 Power supply unit +24V too high (for valves and control panel) 010 Power supply unit +24V too low

CONSEQ_SERVICE:

Power supply unit error: 24V supply voltage is below 19.2 V

SOLUTION_SERVICE:

Check power supply unit voltages. If the voltages are incorrect, replace the power supply unit. If replacing the power supply unit was not successful, replace the CO2 Carrier PCB.

REASON_SERVICE:

Power supply unit (source) is faulty or CO2 Carrier PCB (monitor) is faulty.

REASON / SHORTREASON_CUSTOMER:

04.01.011	**Battery voltage is too high**

FIRST_SOFTWARE: 1　　　　LAST_SOFTWARE: 99,99　　　　MODDAT:　　　　11.04.2003 12:01:41

FUNCTION_SERVICE:

FAILURE:

CONSEQ_SERVICE:

Electronics: Battery voltage is above 30 V.

SOLUTION_SERVICE:

Evita 4/Evita 2 dura: - Replace battery. EvitaXL: - Check power supply unit voltages, replace the power supply unit as necessary. - Replace CO2 Carrier PCB.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

05.01.001	**Short in pneumatics fan**

FIRST_SOFTWARE: 1　　　　LAST_SOFTWARE: 99,99　　　　MODDAT:　　　　11.04.2003 12:01:26

FUNCTION_SERVICE:

The activation current of the fan is measured with an A/D converter with a measuring resistor. In normal operation the fan current must fluctuate by more than 50 mV. The minimums and maximums of this fan voltage are measured for 60 seconds each. If the difference between the maximum and minimum is less than 50 mV there is a fault.

FAILURE:

Trouble-shooting: - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.4.3, diagnosis page Microprocessor” of“Pneumatic”, page 77. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.3.5, Voltages, page 129. Fan connected? Fan rotating? No = Replace fan Yes = Replace Pneumatic Controller PCB

CONSEQ_SERVICE:

The measured fan voltage is 0 V (open circuit) The measured fan voltage is greater than or equal to 2.9 V (short)

SOLUTION_SERVICE:

Check fan in pneumatic unit is rotating, replace fan as necessary. If replacement of the fan was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:

PCB cooling fan in pneumatic unit is faulty or the fan is not connected.

REASON / SHORTREASON_CUSTOMER:

05.01.002	**Fan (pneumatic unit)**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:26

FUNCTION_SERVICE:

The activation current of the fan is measured with an A/D converter. In normal operation this fan current must fluctuate by more than 50 mV. The minimums and maximums of this fan voltage are measured for 60 seconds each. If the difference between the maximum and minimum is less than 50 mV there is a fault.

FAILURE:

Trouble-shooting: - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.4.3, diagnosis page Microprocessor” of“Pneumatic”, page 77. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.3.5, Voltages, page 129. Fan connected? Fan rotating? No = Replace fan. Yes = Replace Pneumatic Controller PCB

CONSEQ_SERVICE:

The measured fan voltage is 0 V (open circuit). The measured fan voltage is greater than or equal to 2.9 V (short).

SOLUTION_SERVICE:

Check fan in pneumatic unit is rotating, replace fan as necessary. If replacement of the fan was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:

PCB cooling fan in pneumatic unit is faulty or not connected.

REASON / SHORTREASON_CUSTOMER:

05.01.003	**Fan (pneumatic unit)**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:26

FUNCTION_SERVICE:

The activation current of the fan is measured with an A/D converter. In normal operation this fan current must fluctuate by more than 50 mV. The minimums and maximums of this fan voltage are measured for 60 seconds each. If the difference between the maximum and minimum is less than 50 mV there is a fault.

FAILURE:

Trouble-shooting: - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.4.3, diagnosis page Microprocessor” of“Pneumatic”, page 77. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.3.5, Voltages, page 129. Fan connected? Fan rotating? No = Replace fan Yes = Replace Pneumatic Controller PCB

CONSEQ_SERVICE:

The measured fan voltage is 0 V (open circuit). The measured fan voltage is greater than or equal to 2.9 V (short).

SOLUTION_SERVICE:

Check fan in pneumatic unit is rotating, replace fan as necessary. If replacement of the fan was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:

PCB cooling fan in pneumatic unit is faulty or not connected, or the Pneumatic Controller PCB is faulty.

REASON / SHORTREASON_CUSTOMER:

05.02.001	**"Reset-up wire" error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:26

FUNCTION_SERVICE:

FAILURE:

Trouble-shooting: 1. Remove housing cover so service LEDs on CPU 68332 PCB are visible. If necessary, plug the PCB into one of the upper slots. 2) Switch on unit. 3) The following LEDs must light up briefly after power-on: LED 4 (together with LED 3) on reset-up and LED 5 on reset-down. If no = CPU 68332 PCB faulty If yes = CPU 68332 PCB probably OK, replace Pneumatic Controller PCB

CONSEQ_SERVICE:

SOLUTION_SERVICE:

Check connector between electronic and pneumatic units, replace connector as necessary. If the connector was OK, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:

Connector between PCBs, CPU 68332 PCB or Pneumatic Controller PCB is faulty.

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

05.02.002	"Reset down wire" error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:26

FUNCTION_SERVICE:

FAILURE:

Trouble-shooting: 1. Remove housing cover so service LEDs on CPU 68332 PCB are visible. If necessary, plug the PCB into one of the upper slots. 2) Switch on unit. 3) The following LEDs must light up briefly after power-on: LED 4 (together with LED 3) on reset-up and LED 5 on reset-down. If no = CPU 68332 PCB faulty If yes = CPU 68332 PCB probably OK, replace Pneumatic Controller PCB

CONSEQ_SERVICE:

SOLUTION_SERVICE:

Check connector between electronic and pneumatic units, replace connector as necessary. If the connector was OK, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:

Connector between PCBs, CPU 68332 PCB or Pneumatic Controller PCB is faulty.

REASON / SHORTREASON_CUSTOMER:

05.02.003	Disable wire

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:26

FUNCTION_SERVICE:

FAILURE:

Trouble-shooting: 1) Remove housing cover so service LEDs on CPU 68332 PCB are visible. If necessary, plug the PCB into one of the upper slots. 2) Switch on unit. 3) LED 7 must flash after power-on and remain lit until the pneumatics are activated (approx. 10 s): If no = CPU 68332 PCB faulty If yes = CPU 68332 PCB probably OK, replace Pneumatic Controller PCB Note: Only possible with software version 1.00 to 1.05, 2.00 and 2.10

CONSEQ_SERVICE:

SOLUTION_SERVICE:

Check connector between electronic and pneumatic units, replace connector as necessary. If the connector was OK, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:

Open circuit in disable wire from CPU 68332 PCB to Pneumatic Controller PCB. Connector between PCBs, CPU 68332 PCB or Pneumatic Controller PCB is faulty.

REASON / SHORTREASON_CUSTOMER:

05.04.001	O2/AIR switch-over valve cannot be switched on

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:26

FUNCTION_SERVICE:

The specified setting of the O2/AIR switch-over valve is continuously checked against the returned signal from the activation electronics. If the specified setting and the returned signal do not match, a unit error message is produced.

FAILURE:

Trouble-shooting: - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.4.1, diagnosis page ” Valves” of “Pneumatic”, page 70. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.3.1, Switching valves, page 123.

CONSEQ_SERVICE:

SOLUTION_SERVICE:

Replace Pneumatic Controller PCB and install the relevant software. (Note: Whether the O2/AIR switch-over valve is connected is not detected.)

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

05.04.002	O2/AIR switch-over valve is not switched off

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:26

FUNCTION_SERVICE:

The specified setting of the O2/AIR switch-over valve is continuously checked against the returned signal from the activation electronics. If the specified setting and the returned signal do not match, a unit error message is produced.

FAILURE:

Trouble-shooting: - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.4.1, diagnosis page ” Valves” of “Pneumatic”, page 70. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.3.1, Switching valves, page 123.

CONSEQ_SERVICE:

O2/AIR switch-over valve is not switched off.

SOLUTION_SERVICE:

Replace Pneumatic Controller PCB and install the relevant software. (Note: Whether the O2/AIR switch-over valve is connected is not detected.)

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

05.04.003	O2/AIR switch-over valve has not switched

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:26

FUNCTION_SERVICE:

The specified setting of the O2/AIR switch-over valve is continuously checked against the returned signal from the activation electronics. If the specified setting and the returned signal do not match, a unit error message is produced.

FAILURE:

Trouble-shooting: - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.4.1, diagnosis page ” Valves” of “Pneumatic”, page 70. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.3.1, Switching valves, page 123.

CONSEQ_SERVICE:

O2/AIR switch-over valve has not switched

SOLUTION_SERVICE:

Replace Pneumatic Controller PCB and install the relevant software. (Note: Whether the O2/AIR switch-over valve is connected is not detected.)

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

05.04.004	Setting of O2/AIR switch-over valve is incorrect

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:26

FUNCTION_SERVICE:

The specified setting of the O2/AIR switch-over valve is continuously checked against the returned signal from the activation electronics. If the specified setting and the returned signal do not match, a unit error message is produced.

FAILURE:

Trouble-shooting: - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.4.1, diagnosis page ” Valves” of “Pneumatic”, page 70. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.3.1, Switching valves, page 123.

CONSEQ_SERVICE:

Setting of O2/AIR switch-over valve is incorrect

SOLUTION_SERVICE:

Replace Pneumatic Controller PCB and install the relevant software. (Note: Whether the O2/AIR switch-over valve is connected is not detected.)

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

05.04.005   O2/AIR switch-over valve not switching to AIR

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:26

FUNCTION_SERVICE:
In the unit check a test pressure of 30 mbar in the tubing system is built up only with one connected pressure supply (O2 or AIR). Then the O2/AIR switch-over valve "Y1.1" switches to the absent compression gas. This bleeds the tubing system to below 10 mbar.

FAILURE:
Trouble-shooting: - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.4.1, diagnosis page ” Valves” of “Pneumatic”, page 70. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.3.1, Switching valves, page 123.

CONSEQ_SERVICE:
O2/AIR switch-over valve not switching to AIR

SOLUTION_SERVICE:
Evita 4/Evita 2 dura: - Eliminate leaks in the system - Replace switch-over valve Y1.1 - Replace supply pressure sensors - Replace the airway pressure sensors - Calibrate PEEP valve. EvitaXL: - Check that the test lung is rigid enough. - Check whether an airway pressure of 30 mbar is built up. Replace valve "Y1.1" in the gas port. - Replace expiratory airway pressure sensor.

REASON_SERVICE:
Evita 4/Evita 2 dura: The system cannot build up the test pressure of 30 mbar in the unit check or the built-up pressure is not relieved fast enough. EvitaXL: - The O2/AIR switch-over valve is not switching to AIR.

REASON / SHORTREASON_CUSTOMER:

05.04.006   O2/AIR switch-over valve not switching to O2

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:26

FUNCTION_SERVICE:
In the unit check a test pressure of 30 mbar in the tubing system is built up only with one connected pressure supply (O2 or AIR). Then the O2/AIR switch-over valve Y1.1 switches to the absent compression gas. This bleeds the tubing system to below 10 mbar.

FAILURE:
Trouble-shooting: - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.4.1, diagnosis page “ Valves” of “Pneumatic”, page 70. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.3.1, Switching valves, page 123.

CONSEQ_SERVICE:
The system cannot build up the test pressure of 30 mbar in the unit check or the built-up pressure is not relieved fast enough.

SOLUTION_SERVICE:
Evita 4/Evita 2 dura: - Eliminate leaks in the system - Replace switch-over valve Y1.1 - Replace supply pressure sensors - Replace the airway pressure sensors - Calibrate PEEP valve. EvitaXL: - Check that the test lung is rigid enough. - Check whether an airway pressure of 30 mbar is built up. Replace valve "Y1.1" in the gas port. - Replace expiratory airway pressure sensor.

REASON_SERVICE:
O2/Air switch-over valve not switching to O2.

REASON / SHORTREASON_CUSTOMER:

05.05.001   Safety valve cannot be switched on

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 1,04	MODDAT:	11.04.2003 12:01:26

FUNCTION_SERVICE:

FAILURE:
Only up to SW 1.04. Safety valve or safety valve actuator on Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:
Safety valve cannot be switched on.

SOLUTION_SERVICE:
Replace safety valve "Y1.3". If replacement of the safety valve was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

05.05.002	Safety valve cannot be switched off

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 1,04	MODDAT:	11.04.2003 12:01:26

FUNCTION_SERVICE:

FAILURE:
Only up to SW 1.04. Safety valve or safety valve actuator on Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:
Safety valve cannot be switched off.

SOLUTION_SERVICE:
Replace safety valve "Y1.3". If replacement of the safety valve was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

05.05.003	Safety valve cannot be switched

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 1,04	MODDAT:	11.04.2003 12:01:26

FUNCTION_SERVICE:

FAILURE:
Only up to SW 1.04. Safety valve or safety valve actuator on Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:
Safety valve cannot be switched.

SOLUTION_SERVICE:
Replace safety valve "Y1.3". If replacement of the safety valve was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

05.05.004	Setting of safety valve is incorrect

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 1,04	MODDAT:	11.04.2003 12:01:26

FUNCTION_SERVICE:

FAILURE:
Only up to SW 1.04. Safety valve or safety valve actuator on Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:
Setting of safety valve is incorrect

SOLUTION_SERVICE:
Replace safety valve "Y1.3". If replacement of the safety valve was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

05.05.005	Pressure bleed via safety valve is faulty

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:26

FUNCTION_SERVICE:
In the unit check a test pressure of 30 mbar is built up in the patient system. Then it is bled to below 10 mbar via safety valve "Y1.3".

FAILURE:
Trouble-shooting: - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.4.1, diagnosis page ” Valves” of “Pneumatic”, page 70. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.3.1, Switching valves, page 123.

CONSEQ_SERVICE:
Pressure bleed with safety valve "Y1.3" is faulty.

SOLUTION_SERVICE:
Replace safety valve "Y1.3" in the gas port.

REASON_SERVICE:
The system cannot build up the test pressure of 30 mbar in the unit check or the built-up pressure is not relieved fast enough.

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

05.05.006	Test pressure cannot be built up		

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 1,04	MODDAT:	11.04.2003 12:01:26

FUNCTION_SERVICE:
In the unit check a pressure of 30 mbar is to be built up in the tubing system with the test specimen connected.

FAILURE:
Cause: - Tubing system leaking - Test lung not connected
Note: As from SW 1.04 only a “ F “ is set for this error in the unit check.

CONSEQ_SERVICE:
Test pressure of 30 mbar cannot be built up in unit check.

SOLUTION_SERVICE:
Evita 4/Evita 2 dura: - Tubing system is leaking, eliminate leakage. - PEEP valve is not calibrated, calibrate PEEP valve. EvitaXL: - The test lung is not connected. - Check the tubing system for leakage.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

10.01.020	Software error (timeout)		

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:27

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Timeout error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.01.040	Software error (timeout)		

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:27

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Timeout error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.02.001	Pneumatic Controller PCB is faulty.		

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:27

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
RAM error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

10.03.001	**Pneumatic Controller PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:27

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Flash-EPROM error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.97.???	**ROSY SHUTDOWN**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	08.11.2002 14:55:37

FUNCTION_SERVICE:
Pneumatic controller

FAILURE:

CONSEQ_SERVICE:

SOLUTION_SERVICE:
In case of problems please consult Lübeck

REASON_SERVICE:
ROSY SHUTDOWN software problems of operating system.
The operating system is running on the CPU 68332 PCB, the
Pneumatic Controller PCB, the Graphics Controller PCB
(Evita 4) or Front Panel PCB (Evita 2 dura) and the
Communication PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.001	**Pneumatic Controller PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:27

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.020	**Pneumatic Controller PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:27

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

10.99.030	Pneumatic Controller PCB is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:27

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.040	Pneumatic Controller PCB is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:27

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.050	Pneumatic Controller PCB is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:27

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.060	Pneumatic Controller PCB is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:27

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.061	Pneumatic Controller PCB is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:27

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.062	**Pneumatic Controller PCB is faulty.**		

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:27

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.063	**Pneumatic Controller PCB is faulty.**		

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:27

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.064	**Pneumatic Controller PCB is faulty.**		

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:27

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.065	**Pneumatic Controller PCB is faulty.**		

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:27

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.070	**Pneumatic Controller PCB is faulty.**		

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:27

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.071	**Pneumatic Controller PCB is faulty.**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:27

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.080	**Pneumatic Controller PCB is faulty.**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:27

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.081	**Pneumatic Controller PCB is faulty.**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:27

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.082	**Pneumatic Controller PCB is faulty.**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:28

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.083	**The Pneumatic Controller PCB is faulty.**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:28

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.084	**Pneumatic Controller PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:28 |

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.085	**Pneumatic Controller PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:28 |

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.086	**Pneumatic Controller PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:28 |

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.087	**Pneumatic Controller PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:28 |

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.088	**Pneumatic Controller PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:28 |

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

10.99.101	**Pneumatic Controller PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:28

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.110	**Pneumatic Controller PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:28

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.111	**Hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:28

FUNCTION_SERVICE:

FAILURE:
Power supply unit or Pneumatic Controller PCB is faulty. Other cause: If the mixer generates abnormal noises on power-on, an HPS valve is impermissibly placing load on the minus 15 V.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Check power supply unit supply voltages, replace power supply unit as necessary. If replacement of the power supply unit was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Faulty A/D conversion on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.112	**Hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:28

FUNCTION_SERVICE:

FAILURE:
Power supply unit or Pneumatic Controller PCB is faulty. Other cause: If the mixer generates abnormal noises on power-on, an HPS valve is impermissibly placing load on the minus 15 V.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Check power supply unit voltages, replace power supply unit as necessary. If replacement of the power supply unit was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Faulty A/D conversion on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

10.99.801	Pneumatic Controller PCB is faulty.

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:28

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.901	Pneumatic Controller PCB is faulty.

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:28

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.911	Pneumatic Controller PCB is faulty.

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:28

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.912	Pneumatic Controller PCB is faulty.

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:28

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

10.99.913	Hardware error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:28

FUNCTION_SERVICE:

FAILURE:
Pneumatic Controller PCB or CPU 68332 PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty. Most probable cause: Pneumatic Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Error in CAN controller on Pneumatic Controller PCB or CPU 68332 PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). Most probable cause: Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.914	Pneumatic Controller PCB is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:28

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.915	Pneumatic Controller PCB is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:28

FUNCTION_SERVICE:
Pneumatic Controller PCB is faulty.

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.916	Software error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:28

FUNCTION_SERVICE:

FAILURE:
Wrong software version on Pneumatic Controller PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install software on Pneumatic Controller PCB. Note: The same software version must be installed on all downloadable PCBs!

REASON_SERVICE:
Wrong software version on Pneumatic Controller PCB. Note: The same software version must be installed on all downloadable PCBs!

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

10.99.917	Pneumatic Controller PCB is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:28

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.918	Pneumatic Controller PCB is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:28

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.919	Pneumatic Controller PCB is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:28

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.920	Pneumatic Controller PCB is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:28

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.921	The Pneumatic Controller PCB is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:29

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

10.99.922	**Pneumatic Controller PCB is faulty.**

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:29

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.923	**Pneumatic Controller PCB is faulty.**

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:29

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.924	**Pneumatic Controller PCB is faulty.**

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:29

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.925	**Pneumatic Controller PCB is faulty.**

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:29

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

10.99.926	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:29

FUNCTION_SERVICE:

FAILURE:
Pneumatic Controller PCB or CPU 68332 PCB or Graphics Controller PCB (Evita 4) or Front Panel PCB (Evita 2 dura) is faulty. Most probable cause: Pneumatic Controller PCB

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Hardware error in CAN controller on Pneumatic Controller PCB or on CPU 68332 PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). Most probable cause: Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.927	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:29

FUNCTION_SERVICE:

FAILURE:

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Graphics Controller 8 PCB and install the relevant software.

REASON_SERVICE:
Hardware error in CAN controller on Pneumatic Controller PCB or on CPU 68332 PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). Most probable cause: Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.928	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:29

FUNCTION_SERVICE:
CAN ERROR_INT2

FAILURE:

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Hardware error in CAN controller on Pneumatic Controller PCB or on CPU 68332 PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). Most probable cause: Pneumatic Controller PCB

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

10.99.929	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:29

FUNCTION_SERVICE: **FAILURE:**

CONSEQ_SERVICE: **SOLUTION_SERVICE:**
Replace Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**
Hardware error in CAN controller on Pneumatic Controller PCB or on CPU 68332 PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). Most probable cause: Pneumatic Controller PCB

10.99.930	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:29

FUNCTION_SERVICE: **FAILURE:**
Pneumatic Controller PCB or CPU 68332 PCB Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty. Most probable cause: Pneumatic Controller PCB.

CONSEQ_SERVICE: **SOLUTION_SERVICE:**
Replace Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**
Hardware error in CAN controller on Pneumatic Controller PCB, on CPU 68332 PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

10.99.935	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:42

FUNCTION_SERVICE: **FAILURE:**
Pneumatic Controller PCB or CPU 68332 PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE: **SOLUTION_SERVICE:**
Replace Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE: **REASON / SHORTREASON_CUSTOMER:**
Hardware error in CAN controller on Pneumatic Controller PCB or on CPU 68332 PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

Error code list for Evita 4 / 2dura / XL

10.99.936	**Hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:42

FUNCTION_SERVICE:

FAILURE:
Pneumatic Controller PCB or CPU 68332 PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Hardware error in CAN controller on Pneumatic Controller PCB or CPU 68332 PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

10.99.940	**Pneumatic Controller PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:29

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.941	**Pneumatic Controller PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:29

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.942	**Pneumatic Controller PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:29

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

10.99.950	**Pneumatic Controller PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:29

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.951	**Pneumatic Controller PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:29

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.952	**Pneumatic Controller PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:29

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.953	**Pneumatic Controller PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:29

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.960	**Pneumatic Controller PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:29

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

10.99.970	**Pneumatic Controller PCB is faulty.**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:29

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.971	**Pneumatic Controller PCB is faulty.**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:29

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.972	**Pneumatic Controller PCB is faulty.**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:29

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

10.99.973	**Pneumatic Controller PCB is faulty.**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:29

FUNCTION_SERVICE:

FAILURE:
The Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

11.01.001	**HPS "AIR" valve or HPSV Controller PCB is faulty**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:29

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "AIR" valve or HPSV Controller PCB for "AIR" (bottom slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV O2 valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "AIR" valve, the HPS "AIR" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

11.01.003	**HPS "AIR" valve or HPSV Controller PCB is faulty**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:30

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "AIR" valve or HPSV Controller PCB for "AIR" (bottom slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV O2 valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "AIR" valve, the HPS "AIR" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

11.01.004	**HPS "AIR" valve or HPSV Controller PCB is faulty**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:30

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "AIR" valve or HPSV Controller PCB for "AIR" (bottom slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV O2 valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "AIR" valve, the HPS "AIR" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

11.01.005	**HPS "AIR" valve or HPSV Controller PCB is faulty**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:30

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "AIR" valve or HPSV Controller PCB for "AIR" (bottom slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV O2 valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "AIR" valve, the HPS "AIR" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

11.01.006	**HPS "AIR" valve or HPSV Controller PCB is faulty**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:30

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "AIR" valve or HPSV Controller PCB for "AIR" (bottom slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV O2 valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "AIR" valve, the HPS "AIR" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

11.01.007	**HPS "AIR" valve or HPSV Controller PCB is faulty**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:30

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "AIR" valve or HPSV Controller PCB for "AIR" (bottom slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV O2 valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "AIR" valve, the HPS "AIR" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

11.01.008	**HPS "AIR" valve or HPSV Controller PCB is faulty**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:30

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "AIR" valve or HPSV Controller PCB for "AIR" (bottom slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV O2 valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "AIR" valve, the HPS "AIR" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

11.01.009	**HPS "AIR" valve or HPSV Controller PCB is faulty**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:30

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "AIR" valve or HPSV Controller PCB for "AIR" (bottom slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV O2 valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "AIR" valve, the HPS "AIR" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

11.01.010	**HPS "AIR" valve or HPSV Controller PCB is faulty**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:30

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "AIR" valve or HPSV Controller PCB for "AIR" (bottom slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV O2 valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "AIR" valve, the HPS "AIR" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

11.01.011	**HPS "AIR" valve or HPSV Controller PCB is faulty**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:30

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "AIR" valve or HPSV Controller PCB for "AIR" (bottom slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV O2 valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "AIR" valve, the HPS "AIR" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

11.01.012	**HPS "AIR" valve or HPSV Controller PCB is faulty**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:30

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "AIR" valve or HPSV Controller PCB for "AIR" (bottom slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV O2 valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "AIR" valve, the HPS "AIR" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

11.01.013	**HPS "AIR" valve or HPSV Controller PCB is faulty**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:30

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "AIR" valve or HPSV Controller PCB for "AIR" (bottom slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV O2 valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "AIR" valve, the HPS "AIR" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

11.01.014	HPS "AIR" valve or HPSV Controller PCB is faulty

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:30

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "AIR" valve or HPSV Controller PCB for "AIR" (bottom slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV O2 valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "AIR" valve, the HPS "AIR" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

11.01.015	HPS "AIR" valve or HPSV Controller PCB is faulty

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:30

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "AIR" valve or HPSV Controller PCB for "AIR" (bottom slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV O2 valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "AIR" valve, the HPS "AIR" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

12.01.001	HPS "O2" valve or HPSV Controller PCB is faulty

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:30

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "O2" valve or HPSV Controller PCB for "O2" (middle slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV "AIR" valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "O2" valve, the HPS "O2" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

12.01.003	HPS "O2" valve or HPSV Controller PCB is faulty

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:30

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "O2" valve or HPSV Controller PCB for "O2" (middle slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV "AIR" valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "O2" valve, the HPS "O2" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

12.01.004	HPS "O2" valve or HPSV Controller PCB is faulty

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:30

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "O2" valve or HPSV Controller PCB for "O2" (middle slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV "AIR" valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "O2" valve, the HPS "O2" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

12.01.005	HPS "O2" valve or HPSV Controller PCB is faulty

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:30

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "O2" valve or HPSV Controller PCB for "O2" (middle slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV "AIR" valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "O2" valve, the HPS "O2" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

12.01.006	HPS "O2" valve or HPSV Controller PCB is faulty

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:30

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "O2" valve or HPSV Controller PCB for "O2" (middle slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV "AIR" valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "O2" valve, the HPS "O2" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

12.01.007	HPS "O2" valve or HPSV Controller PCB is faulty

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:30

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "O2" valve or HPSV Controller PCB for "O2" (middle slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV "AIR" valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "O2" valve, the HPS "O2" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

12.01.008	HPS "O2" valve or HPSV Controller PCB is faulty

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:30

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "O2" valve or HPSV Controller PCB for "O2" (middle slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV "AIR" valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "O2" valve, the HPS "O2" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

| 12.01.009 | **HPS "O2" valve or HPSV Controller PCB is faulty** |

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:30 |

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "O2" valve or HPSV Controller PCB for "O2" (middle slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV "AIR" valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "O2" valve, the HPS "O2" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

| 12.01.010 | **HPS "O2" valve or HPSV Controller PCB is faulty** |

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:30 |

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "O2" valve or HPSV Controller PCB for "O2" (middle slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV "AIR" valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "O2" valve, the HPS "O2" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

| 12.01.011 | **HPS "O2" valve or HPSV Controller PCB is faulty** |

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:30 |

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "O2" valve or HPSV Controller PCB for "O2" (middle slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV "AIR" valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "O2" valve, the HPS "O2" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

12.01.012	**HPS "O2" valve or HPSV Controller PCB is faulty**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:31

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "O2" valve or HPSV Controller PCB for "O2" (middle slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV "AIR" valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "O2" valve, the HPS "O2" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

12.01.013	**HPS "O2" valve or HPSV Controller PCB is faulty**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:31

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "O2" valve or HPSV Controller PCB for "O2" (middle slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV "AIR" valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "O2" valve, the HPS "O2" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

12.01.014	**HPS "O2" valve or HPSV Controller PCB is faulty**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:31

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "O2" valve or HPSV Controller PCB for "O2" (middle slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV "AIR" valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "O2" valve, the HPS "O2" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

12.01.015	HPS "O2" valve or HPSV Controller PCB is faulty

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:31

FUNCTION_SERVICE:
This error message occurs on Evita 4 as from software version 2.21 (Japan as from software version 1.09) and on Evita 2 dura with software versions later than 3.00. With older software versions only a mixer fault is displayed and no unit error message is stored.

FAILURE:
HPS "O2" valve or HPSV Controller PCB for "O2" (middle slot on pneumatic unit) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Trouble-shooting and remedy: Swap the two HPSV Controller PCBs. If the error then occurs in the HPSV "AIR" valve, the error is in the HPSV Controller PCB now located in the middle slot. If the error remains in the HPS "O2" valve, the HPS "O2" valve is faulty.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

13.01.020	Timeout error CPU PCB

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:29:12

FUNCTION_SERVICE:
CPU PCB 68332

FAILURE:
Timeout error CPU PCB

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB

REASON_SERVICE:
CPU 68332 PCB defective (timeout)

REASON / SHORTREASON_CUSTOMER:

13.01.040	CPU 68332 PCB is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:31

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Timeout error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.02.001	CPU 68332 PCB is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:31

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
RAM error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

13.03.001	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:42

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
EPROM error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.04.001	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:31

FUNCTION_SERVICE:
The main processor has an electrically erasable permanent read-only memory (EEPROM). This EEPROM holds all the configuration data. Even after a complete loss of all stored data in the battery-buffered RAM, the unit still retains the user settings. The data content in the EEPROM may be destroyed by a reset while writing data as well as by a fault in the component.

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. Important: Every new CPU 68332 PCB has a new EEPROM D22 with a new identity number. Normally the old D22 is reused. If this is not possible, if there are hardware options they must be enabled, see service number in Repair Instructions, section 31. If software options were available before, new 10-digit enable numbers are required. Request the 10-digit enable numbers in writing from Lübeck. Quote the following: - Factory and part number from rating plate - old ID number (if available) and - new ID number.

REASON_SERVICE:
Serial EEPROM (D22) is faulty.

REASON / SHORTREASON_CUSTOMER:

13.09.001	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:31

FUNCTION_SERVICE:
On a cold-start the watchdog function is checked once. For this the watchdog is not triggered in the test sequence and a maximum time is waited for a reset.

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
The watchdog on the CPU 68332 PCB is faulty.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

13.11.001	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:31

FUNCTION_SERVICE:

Immediately after unit power-on (cold start) the 5V monitoring unit of the CPU 68332 PCB is checked in terms of its undervoltage and overvoltage functions. Using test leads, a too low or too high supply voltage is simulated. The faulty voltage must trigger a hardware reset. If no reset is triggered a unit error is generated.

FAILURE:

CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:

Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:

The +5 V "upper limit" (5.5 V) monitor is faulty.

REASON / SHORTREASON_CUSTOMER:

13.11.002	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:31

FUNCTION_SERVICE:

Immediately after unit power-on (cold start) the 5V monitoring unit of the CPU 68332 PCB is checked in terms of its undervoltage and overvoltage functions. Using test leads, a too low or too high supply voltage is simulated. The faulty voltage must trigger a hardware reset. If no reset is triggered a unit error is generated.

FAILURE:

CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:

Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:

The +5 V "lower limit" (4.5 V) monitor is faulty.

REASON / SHORTREASON_CUSTOMER:

13.97.???	**ROSY SHUTDOWN**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 08.11.2002 14:55:37

FUNCTION_SERVICE:
Pneumatic controller

FAILURE:

CONSEQ_SERVICE:

SOLUTION_SERVICE:

In case of problems please consult Lübeck

REASON_SERVICE:

ROSY SHUTDOWN software problems of operating system. The operating system is running on the CPU 68332 PCB, the Pneumatic Controller PCB, the Graphics Controller PCB (Evita 4) or Front Panel PCB (Evita 2 dura) and the Communication PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

13.98.001	Hardware error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:31

FUNCTION_SERVICE:

FAILURE:

One of the following PCBs on the CAN bus is faulty: a) CPU 68332 PCB b) Pneumatic Controller PCB c) Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). This error may also occur if the communication in the external PC service mode is cut; then there is no unit error.

CONSEQ_SERVICE:

SOLUTION_SERVICE:

Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
The CPU 68332 PCB detects a BOOT error on unit start-up.

REASON / SHORTREASON_CUSTOMER:

13.98.002	Hardware error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:31

FUNCTION_SERVICE:

FAILURE:

One of the following PCBs on the CAN bus is faulty: a) CPU 68332 PCB b) Pneumatic Controller PCB c) Graphics Controller PCB/ Front Panel PCB (Evita 2 dura) This error may also occur if the communication in the external PC service mode is cut; then there is no unit error.

CONSEQ_SERVICE:

SOLUTION_SERVICE:

Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
The CPU 68332 PCB detects a BOOT error on unit start-up.

REASON / SHORTREASON_CUSTOMER:

13.98.003	Hardware error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:31

FUNCTION_SERVICE:
Unstable BOOT response on Communication PCB

FAILURE:

One of the following PCBs on the CAN bus is faulty: a) Communication PCB b) CPU 68332 PCB Note: The unit also works without a Communication PCB.

CONSEQ_SERVICE:

SOLUTION_SERVICE:

Replace Communication PCB and install the relevant software. If replacement of the Communication PCB was not successful, replace the CPU 68332 PCB and install the relevant software. Note: The unit also works without a Communication PCB.

REASON_SERVICE:
The CPU 68332 PCB detects an unstable BOOT response of the Communication PCB (option).

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

13.99.010	**CPU 68332 PCB is faulty.**			
	FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:31

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.020	**CPU 68332 PCB is faulty.**			
	FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:31

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.030	**CPU 68332 PCB is faulty.**			
	FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:31

FUNCTION_SERVICE:

FAILURE:
Software or hardware error on CPU 68332 PCB

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Read error during restore from EEPROM "D22".

REASON / SHORTREASON_CUSTOMER:

13.99.031	**Memory content of serial EEPROM faulty**			
	FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:06

FUNCTION_SERVICE:
Memory content of serial EEPROM faulty

FAILURE:
Memory content of serial EEPROM faulty

CONSEQ_SERVICE:

SOLUTION_SERVICE:
"Replace D22 serial EEPROM; Replace CPU PCB"

REASON_SERVICE:
Memory content of serial EEPROM faulty

REASON / SHORTREASON_CUSTOMER:

13.99.032	**Replace EEPROM**			
	FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	08.11.2002 14:55:37

FUNCTION_SERVICE:
CPU 68332: EEPROM error.

FAILURE:

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace EEPROM, Replace CPU PCB

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

13.99.033

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:07

FUNCTION_SERVICE:
CPU 68332: EEPROM error.

FAILURE:

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace EEPROM, Replace CPU PCB

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

13.99.034

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:07

FUNCTION_SERVICE:
CPU 68332: EEPROM error.

FAILURE:

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace EEPROM, Replace CPU PCB

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

13.99.035

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:07

FUNCTION_SERVICE:
CPU 68332: EEPROM error.

FAILURE:

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace EEPROM, Replace CPU PCB

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

13.99.036

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:07

FUNCTION_SERVICE:
CPU 68332: EEPROM error.

FAILURE:

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace EEPROM, Replace CPU PCB

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

13.99.037

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:07

FUNCTION_SERVICE:
CPU 68332: EEPROM error.

FAILURE:

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace EEPROM, Replace CPU PCB

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

13.99.038

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:07

FUNCTION_SERVICE:
CPU 68332: EEPROM error.

FAILURE:

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace EEPROM, Replace CPU PCB

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

13.99.039   Hardware error

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:31

FUNCTION_SERVICE:

FAILURE:

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Set/change time, wait 15 seconds and switch unit off and back on again. If the time change was not successful, replace the CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Data (Magic) in EEPROM wrong, e.g. with a new EEPROM.

REASON / SHORTREASON_CUSTOMER:

13.99.040   CPU 68332 PCB is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:31

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:
Error operating hours meter backup

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
CPU 68332 PCB (serial EEPROM "D22") is faulty.

REASON / SHORTREASON_CUSTOMER:

13.99.050   CPU 68332 PCB is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:31

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.051   CPU 68332 PCB is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:42

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

13.99.052	**CPU 68332 PCB is faulty.**		

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:31

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.060	**CPU 68332 PCB is faulty.**		

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:31

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.061	**CPU 68332 PCB is faulty.**		

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:31

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.062	**CPU 68332 PCB is faulty.**		

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:32

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.070	**CPU 68332 PCB is faulty.**		

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:32

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

13.99.080	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:31

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.081	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:32

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.090	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:32

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.100	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:32

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.110	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:32

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.120	**CPU 68332 PCB is faulty.**		

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:32

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.130	**Hardware error**		

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:33

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB faulty. Error message 13.99.130 in MEDIBUS mode at the COM1 port: When a monitor is connected to the COM1 port on the CPU 68332 PCB, there have been isolated reports of the functioning of the Evita 4/2 dura being affected and occurrence of error message 13.99.130. In these cases installation of SW 3.22 on Evita 4 and Evita 2 dura provides a remedy.

CONSEQ_SERVICE:
Watchdog on CPU 68332 PCB has triggered a reset and the "safety task" has stopped. The normal program sequence could not be executed without error.

SOLUTION_SERVICE:
Evita 4/Evita 2 dura: Replace Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the CPU 68332 PCB and install the relevant software. EvitaXL: Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Hardware or software error on CPU 68332 PCB or Pneumatic Controller PCB. Other causes: - Interference from external devices - Error message 13.99.130 together with additional errors: If error messages other than error message 13.99.130, such as 02.71.016, 02.12.001 or 10.99.112, have occurred simultaneously, there is probably a problem with the +15V voltage supply. This may be caused by sticking mixer cartridges in the pneumatic unit or a faulty power supply unit . Short-term mains power failure to units without DC modules may also be the cause.

REASON / SHORTREASON_CUSTOMER:

13.99.140	**CPU 68332 PCB is faulty.**		

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:32

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

13.99.801	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:32

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.810	**CPU PCB is faulty**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:32

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.811	**CPU 68332 PCB is faulty**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:32

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.812	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:32

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.813	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:32

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

13.99.820	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:32

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.830	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:32

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.840	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:32

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.850	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:32

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.901	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:32

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

13.99.911	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:32

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.912	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:32

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.913	**Hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:32

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Error in CAN controller on CPU 68332 PCB or Pneumatic Controller PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

13.99.914	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:32

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

13.99.915	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:32

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.916	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:33

FUNCTION_SERVICE:

FAILURE:
Software error on CPU 68332 PCB or CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Evita 4/Evita 2 dura: Replace CPU 68332 PCB and install the relevant software. EvitaXL: Install latest software on CPU 68332 PCB. If the download was not successful, replace the CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Evita 4/Evita 2 dura: Software error on CPU 68332 PCB. EvitaXL: - Wrong software version on CPU 68332 PCB. The same software version must be installed on all downloadable PCBs.

REASON / SHORTREASON_CUSTOMER:

13.99.917	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:33

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.918	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:33

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

13.99.919	**CPU 68332 PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:33 |

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.920	**CPU 68332 PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:33 |

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.921	**CPU 68332 PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:33 |

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.922	**CPU 68332 PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:33 |

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.923	**CPU 68332 PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:33 |

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

13.99.924	**CPU 68332 PCB is faulty.**			

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:33

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.925	**CPU 68332 PCB is faulty.**			

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:33

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.926	**Hardware error**			

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:33

FUNCTION_SERVICE:
CAN BUSSTATUS

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Hardware error in CAN controller on CPU 68332 PCB or Pneumatic Controller PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

13.99.927	**Hardware error**			

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:33

FUNCTION_SERVICE:
CAN BUSSTATUS2

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Hardware error in CAN controller on CPU 68332 PCB or Pneumatic Controller PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

13.99.928	**Hardware error**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:33 |

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Hardware error in CAN controller on CPU 68332 PCB or Pneumatic Controller PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

13.99.929	**Hardware error**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:33 |

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Hardware error in CAN controller on CPU 68332 PCB or Pneumatic Controller PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

13.99.930	**Hardware error**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:33 |

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Hardware error in CAN controller on CPU 68332 PCB or Pneumatic Controller PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

13.99.935	**Hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:42

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Hardware error in CAN controller on CPU 68332 PCB or Pneumatic Controller PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

13.99.936	**Hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:42

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB or Pneumatic Controller PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Hardware error in CAN controller on CPU 68332 PCB or Pneumatic Controller PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

13.99.940	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:33

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error or hardware error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.941	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:33

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

13.99.942	**CPU 68332 PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:33 |

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.950	**CPU 68332 PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:33 |

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.951	**CPU 68332 PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:33 |

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.952	**CPU 68332 PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:33 |

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.953	**CPU 68332 PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:33 |

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.960	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:34

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.970	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:34

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.971	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:34

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.972	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:34

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

13.99.973	**CPU 68332 PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:34

FUNCTION_SERVICE:

FAILURE:
CPU 68332 PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace CPU 68332 PCB and install the relevant software.

REASON_SERVICE:
Software error on CPU 68332 PCB.

REASON / SHORTREASON_CUSTOMER:

14.10.001 — CO2 Carrier PCB is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:34

FUNCTION_SERVICE:
The voltage is reduced on the CO2 Carrier PCB from the +15 V and also measured there. The permissible variation is plus/minus 1 % (up to SW 1.04) or plus/minus 4 % (from SW 1.05).

FAILURE:
Evita 4/Evita 2 dura: Trouble-shooting: - With diagnosis mode, see "Repair Instructions - Service no./modes, error list" section 3.3.2, diagnosis page Microprocessor of Electronic, page 66. - With external service mode, see "Repair Instructions - Service no./modes, error list" section 9.4.1, Testing voltages, page 133.

CONSEQ_SERVICE:
The +10 V reference voltage is too low.

SOLUTION_SERVICE:
Evita 4/Evita 2 dura: Replace CO2 Carrier PCB - Install latest SW version if existing version is 1.04 or earlier. In the USA conform to the approvals! EvitaXL: Replace CO2 Carrier PCB.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

14.10.002 — CO2 Carrier PCB is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:34

FUNCTION_SERVICE:
This voltage is reduced on the CO2 Carrier PCB from the + 15 V and also measured there. The permissible variation is plus/minus 1 % (up to SW 1.04) or plus/minus 4 % (from SW 1.05).

FAILURE:
CO2 Carrier PCB is faulty.

CONSEQ_SERVICE:
The +10 V reference voltage is too high.

SOLUTION_SERVICE:
Evita 4/Evita 2 dura: Replace CO2 Carrier PCB. (Note: Install the latest software if the existing software version is 1.04 or earlier. In the USA conform to approvals!) EvitaXL: Replace CO2 Carrier PCB.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

14.13.001 — CO2 Carrier PCB is faulty

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:34

FUNCTION_SERVICE:

FAILURE:
CO2 Carrier PCB is faulty.

CONSEQ_SERVICE:
The measured value of the ambient pressure sensor is outside the measuring range of 600 to 1100 mbar.

SOLUTION_SERVICE:
Replace CO2 Carrier PCB.

REASON_SERVICE:
The ambient pressure sensor on the CO2 Carrier PCB is faulty.

REASON / SHORTREASON_CUSTOMER:

14.14.001 — CO2 Carrier PCB is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:34

FUNCTION_SERVICE:

FAILURE:
Evita 4/Evita 2 dura: Trouble-shooting: - With external DS mode via PC, see "Repair Instructions - Service no./modes, error list" section 9.4.4, Data of CO2 metering, page 137. Important: Refer to Service Bulletin nos. 3 and 11!

CONSEQ_SERVICE:
RS232 communication between the CPU 68332 PCB (DUART) via the CO2 Carrier PCB (electrical isolation via optocoupler) and the CO2 module (Signal Processor PCB) is faulty.

SOLUTION_SERVICE:
Evita 4/Evita 2 dura: - Replace Signal Processor PCB. - Replace CO2 Carrier PCB. - Replace CPU 68332 PCB and install the relevant software. EvitaXL: - Replace CO2 Carrier PCB.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

15.01.020	**Communication PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:34 |

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error (timeout) on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.01.040	**Communication PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:34 |

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error (timeout) on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.02.001	**Communication PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:34 |

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Communication PCB is faulty (RAM error)

REASON / SHORTREASON_CUSTOMER:

15.03.001	**Communication PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:34 |

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Communication PCB is faulty (Flash-EPROM error)

REASON / SHORTREASON_CUSTOMER:

15.97.???	**ROSY SHUTDOWN**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 08.11.2002 14:55:37 |

FUNCTION_SERVICE:
Pneumatic controller

FAILURE:

CONSEQ_SERVICE:

SOLUTION_SERVICE:
In case of problems please consult Lübeck

REASON_SERVICE:
ROSY SHUTDOWN software problems of operating system.
The operating system is running on the CPU 68332 PCB, the
Pneumatic Controller PCB, the Graphics Controller PCB
(Evita 4) or Front Panel PCB (Evita 2 dura) and the
Communication PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

15.99.001	**Communication PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:34

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
The communication is cut.

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.010	**Communication PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:34

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
Communication abort

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.810	**Communication PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:34

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
Communication abort

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.811	**Communication PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:34

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
Communication abort

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.812	**Communication PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:34

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
Communication abort

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

15.99.813	**Communication PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:34 |

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
Data format error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.820	**Communication PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:34 |

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
Communication abort

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.830	**Communication PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:34 |

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"LUST protocol" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.840	**Communication PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:35 |

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"PRINT protocol" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.850	**Communication PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:35 |

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
Communication abort

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

15.99.901	**Communication PCB is faulty.**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:35

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
Communication abort

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.911	**Communication PCB is faulty.**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:35

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"Communication" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.912	**Communication PCB is faulty.**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:35

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"Communication" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.913	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:35

FUNCTION_SERVICE:

FAILURE:
Communication PCB or CPU 68332 PCB or Pneumatic Controller PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
If the unit works error-free without the Communication PCB, the Communication PCB is faulty. If replacement of the Communication PCB was not successful, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Communication PCB CAN controller or CPU 68332 PCB or Pneumatic Controller PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

REASON / SHORTREASON_CUSTOMER:

15.99.914	**Communication PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:35

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"Communication" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.915	**Communication PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:35

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"Communication" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.916	**Software error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:35

FUNCTION_SERVICE:

FAILURE:
sw identification infos transferred with login doesnt match

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install software version of base unit on Communication PCB.

REASON_SERVICE:
Wrong software version installed on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.917	**Communication PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:35

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"Communication" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.918	**Communication PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:35

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"Communication" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

15.99.919	**Communication PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:35

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"Communication" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.920	**Communication PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:35

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"Communication" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.921	**Communication PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:35

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"Communication" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.922	**Communication PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:35

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"Communication" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.923	**Communication PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:35

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"Communication" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

15.99.924	**Communication PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:35

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"Communication" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.925	**Communication PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:35

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"Communication" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.926	**Hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:35

FUNCTION_SERVICE:

FAILURE:
Communication PCB or CPU 68332 PCB or Pneumatic Controller PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
If the unit works error-free without the Communication PCB, the Communication PCB is faulty. If replacement of the Communication PCB was not successful, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Hardware error in CAN controller on Communication PCB or CPU 68332 PCB or Pneumatic Controller PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

15.99.927	Hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:35

FUNCTION_SERVICE:

FAILURE:
Communication PCB or CPU 68332 PCB or Pneumatic Controller PCB or Graphics Controller PCB (Evita 4) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
If the unit works error-free without the Communication PCB, the Communication PCB is faulty. If replacement of the Communication PCB was not successful, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Hardware error in CAN controller on Communication PCB or CPU 68332 PCB or Pneumatic Controller PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

15.99.928	Hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:36

FUNCTION_SERVICE:

FAILURE:
Communication PCB or CPU 68332 PCB or Pneumatic Controller PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
If the unit works error-free without the Communication PCB, the Communication PCB is faulty. If replacement of the Communication PCB was not successful, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Hardware error in CAN controller on Communication PCB or on CPU 68332 PCB or Pneumatic Controller PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:35

15.99.929	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:36

FUNCTION_SERVICE:

FAILURE:
Communication PCB or CPU 68332 PCB or Pneumatic Controller PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
If the unit works error-free without the Communication PCB, the Communication PCB is faulty. If replacement of the Communication PCB was not successful, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Hardware error in CAN controller on Communication PCB or on CPU 68332 PCB or Pneumatic Controller PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

15.99.930	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:36

FUNCTION_SERVICE:

FAILURE:
Communication PCB or CPU 68332 PCB or Pneumatic Controller PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
If the unit works error-free without the Communication PCB, the Communication PCB is faulty. If replacement of the Communication PCB was not successful, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Hardware error in CAN controller on Communication PCB or on CPU 68332 PCB or Pneumatic Controller PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

15.99.935	Hardware error		

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:42

FUNCTION_SERVICE:

FAILURE:
Communication PCB or CPU PCB or Pneumatic Controller PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
If the unit works error-free without the Communication PCB, the Communication PCB is faulty. If replacement of the Communication PCB was not successful, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Error in CAN controller on CPU PCB, on Pneumatic Controller PCB, on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.936	Hardware error		

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:42

FUNCTION_SERVICE:

FAILURE:
Communication PCB or CPU PCB or Pneumatic Controller PCB or Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
If the unit works error-free without the Communication PCB, the Communication PCB is faulty. If replacement of the Communication PCB was not successful, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Error in CAN controller on CPU PCB or Pneumatic Controller PCB or on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.940	Communication PCB is faulty.		

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:36

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"Communication" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

15.99.941	**Communication PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:36

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"Communication" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.942	**Communication PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:36

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"Communication" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.950	**Communication PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:36

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"Communication" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.951	**Communication PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:36

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"Communication" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.952	**Communication PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:36

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"Communication" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

15.99.953	**Communication PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:36 |

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"Communication" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.960	**Communication PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:36 |

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"Communication" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.970	**Communication PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:36 |

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"Communication" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.971	**Communication PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:36 |

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"Communication" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

15.99.972	**Communication PCB is faulty.**

| FIRST_SOFTWARE: 1 | LAST_SOFTWARE: 99,99 | MODDAT: | 11.04.2003 12:01:36 |

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"Communication" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

15.99.973	Communication PCB is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:36

FUNCTION_SERVICE:

FAILURE:
Communication PCB is faulty.

CONSEQ_SERVICE:
"Communication" error

SOLUTION_SERVICE:
Replace Communication PCB and install the relevant software.

REASON_SERVICE:
Software error on Communication PCB.

REASON / SHORTREASON_CUSTOMER:

17.01.020	Graphics Controller PCB or Front Panel PCB is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:36

FUNCTION_SERVICE:

FAILURE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty (timeout).

REASON / SHORTREASON_CUSTOMER:

17.01.040	Graphics Controller PCB or Front Panel PCB is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:36

FUNCTION_SERVICE:

FAILURE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty (timeout).

REASON / SHORTREASON_CUSTOMER:

17.02.001	Graphics Controller PCB or Front Panel PCB is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:36

FUNCTION_SERVICE:

FAILURE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty (RAM error).

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

17.03.001	Graphics Controller PCB or Front Panel PCB is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:37

FUNCTION_SERVICE:

FAILURE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty (Flash-EPROM error).

REASON / SHORTREASON_CUSTOMER:

17.15.001	Front Panel PCB (Evita 2 dura) is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:37

FUNCTION_SERVICE:

FAILURE:
Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
The ROM on the Front Panel PCB (Evita 2 dura) has returned no feedback.

REASON / SHORTREASON_CUSTOMER:

17.16.001	Front Panel PCB (Evita 2 dura) is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:37

FUNCTION_SERVICE:

FAILURE:
Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
RAM error in microprocessor 68020 on Front Panel PCB.

REASON / SHORTREASON_CUSTOMER:

17.17.001	Front Panel PCB (Evita 2 dura) is faulty.

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:37

FUNCTION_SERVICE:

FAILURE:
Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
ROM error in microprocessor 68020 on Front Panel PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

17.97.???	**ROSY SHUTDOWN**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	08.11.2002 14:55:38

FUNCTION_SERVICE:
Pneumatic controller

FAILURE:

CONSEQ_SERVICE:

SOLUTION_SERVICE:
In case of problems please consult Lübeck

REASON_SERVICE:
ROSY SHUTDOWN software problems of operating system. The operating system is running on the CPU 68332 PCB, the Pneumatic Controller PCB, the Graphics Controller PCB (Evita 4) or Front Panel PCB (Evita 2 dura) and the Communication PCB.

REASON / SHORTREASON_CUSTOMER:

17.99.001	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:37

FUNCTION_SERVICE:

FAILURE:
Software error or hardware error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.002	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:37

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.003	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:37

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

17.99.004	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:37

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.005	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:37

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.006	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:37

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.007	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:37

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

17.99.008	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:37

FUNCTION_SERVICE:
brrf Invalid Curve Param Requested

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.009	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:37

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.010	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:37

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.020	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:37

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

17.99.021	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:37

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.022	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:37

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.023	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:37

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.024	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:37

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

17.99.025	**Software or hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:37

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.026	**Software or hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:37

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.027	**Software or hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:37

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.030	**Software or hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:38

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

17.99.031	**Software or hardware error**		
	FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT: 11.04.2003 12:01:38

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.040	**Software or hardware error**		
	FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT: 11.04.2003 12:01:38

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.041	**Software or hardware error**		
	FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT: 11.04.2003 12:01:38

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.050	**Software or hardware error**		
	FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT: 11.04.2003 12:01:38

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

17.99.051	**Software or hardware error**		

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:38

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.052	**Software or hardware error**		

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:38

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.053	**Software or hardware error**		

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:38

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.054	**Software or hardware error**		

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:38

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

17.99.055	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:38

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.056	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:38

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.057	**Graphics Controller PCB or Front Panel PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:38

FUNCTION_SERVICE:

FAILURE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Graphics processor on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

REASON / SHORTREASON_CUSTOMER:

17.99.058	**Graphics Controller PCB or Front Panel PCB is faulty.**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:38

FUNCTION_SERVICE:

FAILURE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
Graphics processor on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

17.99.059	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:38

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.060	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:38

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:
).

REASON / SHORTREASON_CUSTOMER:

17.99.070	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:38

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.080	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:38

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

17.99.090	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:38

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.101	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:38

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.102	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:38

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.103	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:38

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

17.99.110	**Software or hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:38

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.120	**Software or hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:38

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.130	**Software or hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:38

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.140	**Software or hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:38

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

17.99.141	**Software or hardware error**		

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:39

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.142	**Software or hardware error**		

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:39

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.143	**Software or hardware error**		

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:39

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.144	**Software or hardware error**		

FIRST_SOFTWARE: 1 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:39

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

17.99.145	**Software or hardware error**			
	FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:39

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.150	**Software or hardware error**			
	FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:39

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.151	**Software or hardware error**			
	FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:39

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.152	**Software or hardware error**			
	FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:39

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

17.99.901	**Software or hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:39

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.911	**Software or hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:39

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.912	**Software or hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:39

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

17.99.913	**Hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:39

FUNCTION_SERVICE:

FAILURE:
Error in CAN controller on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura), on CPU 68332 PCB, Pneumatic Controller PCB or Communication PCB (option).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software. If replacement of the Graphics Controller PCB or Front Panel PCB was not successful, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software. If replacement of the Pneumatic Controller PCB was not successful, replace the Communication PCB (option) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.914	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:39

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.915	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:39

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

17.99.916	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:39

FUNCTION_SERVICE:

FAILURE:
Wrong software version on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). Note: The same software version must be installed on all downloadable PCBs.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.917	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:39

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.918	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:39

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.919	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:39

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

17.99.920	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:39

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.921	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:39

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.922	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:40

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.923	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:40

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

17.99.924	**Software or hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:40

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.925	**Software or hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:40

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.926	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:40

FUNCTION_SERVICE:

FAILURE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or CPU 68332 PCB or Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software. If replacement of the Graphics Controller PCB or Front Panel PCB was not successful, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Hardware error in CAN controller on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

17.99.927	Hardware error		
FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:40

FUNCTION_SERVICE:

FAILURE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or CPU 68332 PCB or Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software. If replacement of the Graphics Controller PCB or Front Panel PCB was not successful, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Hardware error in CAN controller on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

17.99.928	Hardware error		
FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:40

FUNCTION_SERVICE:

FAILURE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or CPU 68332 PCB or Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software. If replacement of the Graphics Controller PCB or Front Panel PCB was not successful, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Hardware error in CAN controller on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

17.99.929	Hardware error		
FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:40

FUNCTION_SERVICE:

FAILURE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or CPU 68332 PCB or Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software. If replacement of the Graphics Controller PCB or Front Panel PCB was not successful, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Hardware error in CAN controller on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

17.99.930	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:40

FUNCTION_SERVICE:

FAILURE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or CPU 68332 PCB or Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software. If replacement of the Graphics Controller PCB or Front Panel PCB was not successful, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Hardware error in CAN controller on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

17.99.935	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:42

FUNCTION_SERVICE:

FAILURE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or CPU 68332 PCB or Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software. If replacement of the Graphics Controller PCB or Front Panel PCB was not successful, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

17.99.936	**Hardware error**

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:42

FUNCTION_SERVICE:

FAILURE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or CPU 68332 PCB or Pneumatic Controller PCB is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Replace Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) and install the relevant software. If replacement of the Graphics Controller PCB or Front Panel PCB was not successful, replace the CPU 68332 PCB and install the relevant software. If replacement of the CPU 68332 PCB was not successful, replace the Pneumatic Controller PCB and install the relevant software.

REASON_SERVICE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) or on CPU 68332 PCB or Pneumatic Controller PCB.

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

17.99.940	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:40

FUNCTION_SERVICE:

FAILURE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.941	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:40

FUNCTION_SERVICE:

FAILURE:
Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura) is faulty.

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.942	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:40

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.950	**Software or hardware error**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:40

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

17.99.951	Software or hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:40

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.952	Software or hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:40

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.953	Software or hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:40

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.960	Software or hardware error

FIRST_SOFTWARE: 1   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:40

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

17.99.970	**Software or hardware error**		
	FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT: 11.04.2003 12:01:40

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.971	**Software or hardware error**		
	FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT: 11.04.2003 12:01:40

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.972	**Software or hardware error**		
	FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT: 11.04.2003 12:01:40

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

17.99.973	**Software or hardware error**		
	FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT: 11.04.2003 12:01:40

FUNCTION_SERVICE:

FAILURE:
Software error on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura).

CONSEQ_SERVICE:

SOLUTION_SERVICE:
Install relevant software on Graphics Controller PCB (Evita 4; EvitaXL) or Front Panel PCB (Evita 2 dura). If the software download was not successful, replace the Graphics Controller PCB (Evita 4; EvitaXL) or the Front Panel PCB (Evita 2 dura) and install the relevant software

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

20.00.002	**Flow calibration ok**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:07

FUNCTION_SERVICE:
Flow calibration ok

FAILURE:
Flow calibration ok

CONSEQ_SERVICE:

SOLUTION_SERVICE:

REASON_SERVICE:
Flow calibration ok

REASON / SHORTREASON_CUSTOMER:

20.00.004	**O2 calibration ok**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:07

FUNCTION_SERVICE:
O2 calibration ok

FAILURE:
O2 calibration ok

CONSEQ_SERVICE:

SOLUTION_SERVICE:

REASON_SERVICE:
O2 calibration ok

REASON / SHORTREASON_CUSTOMER:

20.00.009	**CO2 calibration ok**

FIRST_SOFTWARE: 1	LAST_SOFTWARE: 99,99	MODDAT:	12.12.2002 09:19:07

FUNCTION_SERVICE:
CO2 calibration ok

FAILURE:
CO2 calibration ok

CONSEQ_SERVICE:

SOLUTION_SERVICE:

REASON_SERVICE:
CO2 calibration ok

REASON / SHORTREASON_CUSTOMER:

22.00.003	

FIRST_SOFTWARE: 4	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:42

FUNCTION_SERVICE:

FAILURE:
Output of 'Multifunction board fault !!' message IFCO Carrier PCB no longer working or restricted. The ventilation functions of the unit are not affected

CONSEQ_SERVICE:
Data transfer between CPU PCB and IFCO Carrier PCB faulty, e.g. EMC

SOLUTION_SERVICE:
If recurrent replace CPU PCB and /or IFCO Carrier PCB

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

22.00.004	

FIRST_SOFTWARE: 4	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:42

FUNCTION_SERVICE:

FAILURE:
Output of 'Multifunction board fault !!' message IFCO Carrier PCB no longer working or restricted. The ventilation functions of the unit are not affected.

CONSEQ_SERVICE:
Data transfer between CPU PCB and IFCO Carrier PCB faulty, e.g. EMC

SOLUTION_SERVICE:
If recurrent replace CPU PCB and /or IFCO Carrier PCB

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

22.00.005

FIRST_SOFTWARE: 4	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:42

FUNCTION_SERVICE:

FAILURE:
Output of 'Multifunction board fault !!' message IFCO Carrier PCB no longer working or restricted. The ventilation functions of the unit are not affected.

CONSEQ_SERVICE:
Software error

SOLUTION_SERVICE:
If recurrent replace IFCO Carrier PCB

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

22.00.006

FIRST_SOFTWARE: 4	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:42

FUNCTION_SERVICE:

FAILURE:
Output of 'Multifunction board fault !!' message IFCO Carrier PCB no longer working or restricted. The ventilation functions of the unit are not affected.

CONSEQ_SERVICE:
Software error

SOLUTION_SERVICE:
If recurrent replace IFCO Carrier PCB

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:
IFCO Carrier PCB no longer working

22.00.008	**IFCO Carrier PCB no longer working correctly**

FIRST_SOFTWARE: 4	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:42

FUNCTION_SERVICE:

FAILURE:
Output of 'Multifunction board fault !!' message IFCO Carrier PCB no longer working or restricted. The ventilation functions of the unit are not affected

CONSEQ_SERVICE:
Data transfer between CPU PCB and IFCO Carrier PCB faulty, e.g. EMC

SOLUTION_SERVICE:
If recurrent replace CPU PCB and /or IFCO Carrier PCB

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

22.00.009	**IFCO Carrier PCB no longer working correctly**

FIRST_SOFTWARE: 4	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:42

FUNCTION_SERVICE:

FAILURE:
Output of 'Multifunction board fault !!' message IFCO Carrier PCB no longer working or restricted. The ventilation functions of the unit are not affected.

CONSEQ_SERVICE:
Voltage supply to IFCO Carrier faulty

SOLUTION_SERVICE:
If recurrent replace IFCO Carrier PCB

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

22.00.010	IFCO Carrier PCB no longer working correctly

FIRST_SOFTWARE: 4   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:42

FUNCTION_SERVICE:

FAILURE:
Output of 'Multifunction board fault !!' message IFCO Carrier PCB no longer working or restricted. The ventilation functions of the unit are not affected

CONSEQ_SERVICE:
Software error

SOLUTION_SERVICE:
If recurrent replace IFCO Carrier PCB

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

22.00.011	IFCO Carrier PCB no longer working correctly

FIRST_SOFTWARE: 4   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:42

FUNCTION_SERVICE:

FAILURE:
Output of 'Multifunction board fault !!' message IFCO Carrier PCB no longer working or restricted. The ventilation functions of the unit are not affected.

CONSEQ_SERVICE:
Software error

SOLUTION_SERVICE:
If recurrent replace IFCO Carrier PCB

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

22.00.012	IFCO Carrier PCB no longer working correctly

FIRST_SOFTWARE: 4   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:42

FUNCTION_SERVICE:

FAILURE:
Output of 'Multifunction board fault !!' message IFCO Carrier PCB no longer working or restricted. The ventilation functions of the unit are not affected

CONSEQ_SERVICE:
Software error

SOLUTION_SERVICE:
If recurrent replace IFCO Carrier PCB

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

22.00.013	IFCO Carrier PCB no longer working correctly

FIRST_SOFTWARE: 4   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:42

FUNCTION_SERVICE:

FAILURE:
Output of 'Multifunction board fault !!' message IFCO Carrier PCB no longer working or restricted. The ventilation functions of the unit are not affected.

CONSEQ_SERVICE:
RAM of IFCO Carrier faulty

SOLUTION_SERVICE:
Replace IFCO Carrier PCB

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

22.00.014	IFCO Carrier PCB no longer working correctly

FIRST_SOFTWARE: 4	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:42

FUNCTION_SERVICE:

FAILURE:
Output of 'Multifunction board fault !!' message IFCO Carrier PCB no longer working or restricted. The ventilation functions of the unit are not affected.

CONSEQ_SERVICE:
ROM of IFCO Carrier faulty

SOLUTION_SERVICE:
Replace IFCO Carrier PCB

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

22.00.015	Remote function faulty

FIRST_SOFTWARE: 4	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:43

FUNCTION_SERVICE:

FAILURE:
Output of 'Multifunction board fault !!' message IFCO Carrier PCB no longer working or restricted. The ventilation functions of the unit are not affected.

CONSEQ_SERVICE:
2. Remote Pad key scan channel faulty

SOLUTION_SERVICE:
Replace IFCO Carrier PCB and/or Remote Pad

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

22.00.255	IFCO Carrier PCB no longer working correctly

FIRST_SOFTWARE: 4	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:43

FUNCTION_SERVICE:

FAILURE:
Output of 'Multifunction board fault !!' message IFCO Carrier PCB no longer working or restricted. The ventilation functions of the unit are not affected.

CONSEQ_SERVICE:
Software error

SOLUTION_SERVICE:
If recurrent replace IFCO Carrier PCB

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

22.01.000	Remote Pad no longer working

FIRST_SOFTWARE: 4	LAST_SOFTWARE: 99,99	MODDAT:	11.04.2003 12:01:43

FUNCTION_SERVICE:

FAILURE:
Output of 'Evita Remote fault !' message Remote Pad no longer working. The ventilation functions of the unit are not affected

CONSEQ_SERVICE:
Remote Pad version number inconsistent

SOLUTION_SERVICE:
Plug Remote Pad back in, taking no longer than 3s, if recurrent replace IFCO Carrier PCB and/or Remote Pad

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for Evita 4 / 2dura / XL

22.01.001	**Remote Pad no longer working**

FIRST_SOFTWARE: 4 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:43

FUNCTION_SERVICE:

FAILURE:
Output of 'Evita Remote fault !' message Remote Pad no longer working. The ventilation functions of the unit are not affected

CONSEQ_SERVICE:
A key on the Remote Pad was pressed during the self-test

SOLUTION_SERVICE:
Plug Remote Pad back in, if recurrent replace IFCO Carrier PCB and/or Remote Pad

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

22.01.002	**Remote Pad no longer working**

FIRST_SOFTWARE: 4 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:43

FUNCTION_SERVICE:

FAILURE:
Output of 'Evita Remote fault !' message Remote Pad no longer working. The ventilation functions of the unit are not affected

CONSEQ_SERVICE:
A key on the Remote Pad was pressed during the self-test

SOLUTION_SERVICE:
Plug Remote Pad back in, if recurrent replace IFCO Carrier PCB and/or Remote Pad

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

22.01.003	**Remote Pad no longer working**

FIRST_SOFTWARE: 4 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:43

FUNCTION_SERVICE:

FAILURE:
Output of 'Evita Remote fault !' message Remote Pad no longer working. The ventilation functions of the unit are not affected

CONSEQ_SERVICE:
A key on the Remote Pad was pressed during the self-test

SOLUTION_SERVICE:
Plug Remote Pad back in, if recurrent replace IFCO Carrier PCB and/or Remote Pad

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

22.01.004	**Remote Pad no longer working**

FIRST_SOFTWARE: 4 LAST_SOFTWARE: 99,99 MODDAT: 11.04.2003 12:01:43

FUNCTION_SERVICE:

FAILURE:
Output of 'Evita Remote fault !' message Remote Pad no longer working. The ventilation functions of the unit are not affected.

CONSEQ_SERVICE:
A key on the Remote Pad was pressed during the self-test

SOLUTION_SERVICE:
Plug Remote Pad back in, if recurrent replace IFCO Carrier PCB and/or Remote Pad.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

Error code list for   Evita 4 / 2dura / XL

| 22.01.005 | **Remote Pad no longer working** |

FIRST_SOFTWARE: 4   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:43

FUNCTION_SERVICE:

FAILURE:
Output of 'Evita Remote fault !' message Remote Pad no longer working. The ventilation functions of the unit are not affected.

CONSEQ_SERVICE:
A key on the Remote Pad was pressed during the self-test

SOLUTION_SERVICE:
Plug Remote Pad back in, if recurrent replace IFCO Carrier PCB and/or Remote Pad.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

| 22.01.006 | **Remote Pad no longer working** |

FIRST_SOFTWARE: 4   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:43

FUNCTION_SERVICE:

FAILURE:
Output of 'Evita Remote fault !' message Remote Pad no longer working. The ventilation functions of the unit are not affected.

CONSEQ_SERVICE:
A key on the Remote Pad was pressed during the self-test

SOLUTION_SERVICE:
Plug Remote Pad back in, if recurrent replace IFCO Carrier PCB and/or Remote Pad.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

| 22.02.000 | **IFCO Carrier PCB no longer working correctly** |

FIRST_SOFTWARE: 4   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:43

FUNCTION_SERVICE:

FAILURE:
Output of 'Multifunction board fault !!' message IFCO Carrier PCB no longer working or restricted. The ventilation functions of the unit are not affected

CONSEQ_SERVICE:
IFCO Carrier was reset, e.g. ESD

SOLUTION_SERVICE:
Avoid direct touch contact with connectors of IFCO Carrier, if recurrent replace IFCO Carrier PCB

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

| 22.03.000 | **IFCO Carrier PCB no longer working correctly** |

FIRST_SOFTWARE: 4   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:43

FUNCTION_SERVICE:

FAILURE:
Output of 'Multifunction board fault !!' message IFCO Carrier PCB no longer working or restricted. The ventilation functions of the unit are not affected.

CONSEQ_SERVICE:
Data transfer between CPU PCB and IFCO Carrier PCB faulty

SOLUTION_SERVICE:
If recurrent replace CPU PCB and /or IFCO Carrier PCB.

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

22.03.001	IFCO Carrier PCB no longer working correctly

FIRST_SOFTWARE: 4   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:43

FUNCTION_SERVICE:

FAILURE:
Output of 'Multifunction board fault !!' message IFCO Carrier PCB no longer working or restricted. The ventilation functions of the unit are not affected

CONSEQ_SERVICE:
IFCO Carrier PCB has wrong SW version

SOLUTION_SERVICE:
Install IFCO Carrier PCB with SW matching base unit

REASON_SERVICE:

REASON / SHORTREASON_CUSTOMER:

FIRST_SOFTWARE: 4   LAST_SOFTWARE: 99,99   MODDAT: 11.04.2003 12:01:43